FILE 'HOME' ENTERED AT 10:04:13 ON 20 OCT 2002

=> b medline uspatfull

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 18:04:33 ON 36 OCT 2002

FILE 'USPATFULL' ENTERED AT 18:04:33 ON 20 OCT 2002 CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

 $= \cdot s$  (c57b1()6) and propythiouracil

0 (057B1(W) 6) AND PROPYTHIOURACIL Li

= + s (c57b1()6) and propylthiouracil

3 (057B1(W) 6) AND PROPYLITHIOURACIL

 $= \cdot dup rem 12$ 

PROCESSING COMPLETED FOR L2

L3 3 DUP REM L2 (0 DUPLICATES REMOVED)

= d 13 ibib abs tot kwid

ANSWER 1 OF 3 USPATFULL

ACCESSION NUMBER: 2002:211959 USPATFULL

17 human secreted rroteins

INVENTOR(S): Fosen, Craig A., Laytonsville, MD, UNITED STATES Komatsoulis, George A., Silver Spring, MD, UNITED

STATES

Baker, Mevin P., Darnestown, MD, UNITED STATES Birse, Charles E., North Potomac, MD, UNITED STATES Scppet, Daniel R., Centreville, VA, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES

Moore, Faul A., Germantown, MD, UNITED STATES

Wei, Ping, Brookeville, MD, UNITED STATES

Ebner, Feinhard, Gaithersburg, MD, UNITED STATES Fuan, D. Roxanne, Bethesda, MD, UNITED STATES Shi, Yanqqu, Gaithersburg, MD, UNITED STATES Choi, Gil H., Pockville, MD, UNITED STATES Fiscella, Michele, Bethesda, MD, UNITED STATES

Mi, Jian, Germantown, MD, UNITED STATES Fuben, Steven M., Olney, MD, UNITED STATES

Barash, Steven C., Rockville, MD, UNITED STATES

NUMBER KIND DATE US 2002120103 A1 20020849 US 2001-315582 A1 20010727 (9)

PATENT INFORMATION: APPLICATION INFO.:

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2001-US1431, filed on 17 Jan 2001, UNKNOWN

> DATE NUMBER

PRIORITY INFORMATION: US 2000-179065P 20000131 (60)

US 2000-180628P 20000204 (60. US 2000-231968P 20000912 (60.

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC. 9410 KEY WEST AVENUE,

FOCHVILLE, MD, 20850

NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
LINE COUNT: 10680

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEKING IS AVAILABLE FOR THIS PATENT.

DETD . . . as L-T.sub.4.TM., SYNTHROID.TM. and LEVOTHROID.TM.

(levothyroxine sodium), L-T.sub.3.TM., CYTOMEL.TM. and TRIOSTAT.TM. (liothyroine sodium), and THYROLAR.TM. (liotrix); antithyroid compounds such as 6-n-propylthiouracil (propylthiouracil),

1-methyl-2-mercaptoimidazole and TAPAZOLE.TM. (methimazole),

NEO-MERCAZOLE.TM. (carbimazole); beta-adrenergic receptor antagonists such as propranolol and esmolol; Ca.sup.2+ channel blockers;

dexamethasone and iodinated. . .

DETD . . . a polypertide of the invention at 150 mg/ml at 4 degrees C.

and

drawn into cold 3 ml syringes. Female C57B1/6 mice approximately 8 weeks cld are injected with the mixture of Matrigel and experimental protein at 2 sites at the. . .

TR ANSWER 2 OF 3 USPATFULL

ACCESSION NUMBER: 2002:148614 USFATFULL
TITLE: 28 human secreted proteins

INVENTOR(S): Puben, Steven M., Olney, MD, UNITED STATES

Fosen, Craig A., Laytonsville, MD, UNITED STATES

Li, Yi, Sunnyvale, CA, UNITED STATES

Zeng, ZhiZhen, Lansdale, FA, UNITED STATES
Kyaw, Hla, Frederick, MD, UNITED STATES
Fischer, Carrie L., Burke, VA, UNITED STATES
Li, Haodong, Gaithersburg, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Gentz, Reiner L., Rockville, MD, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Moore, Faul A., Germantown, MD, UNITED STATES
Young, Faul E., Gaithersburg, MD, UNITED STATES
Greene, John M., Gaithersburg, MD, UNITED STATES
Ferrie, Ann M., Painted Fost, NY, UNITED STATES

NUMBER KIND DATE
US 2002076756 A1 20020620

PATENT INFORMATION: US 2002076756 A1 20020620 AFPLICATION INFO:: US 2001-853161 A1 20010511 (9)

NUMBER DATE

PRIORITY INFORMATION: US 2001-265583P 20010202 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REFRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLAFY CLAIM: 1 LINE CCUNT: 17788

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antihodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

. . . as L-T.sub.4.TM., SYNTHPCID.TM. and LEVOTHROID.TM. LETD

(levothyroxine sodium,, L-T.sub.3.TM., CYTOMEL.TM. and TRICSTAT.TM. (licthyroine sodium), and THYFOLAR.TM. (liotrix); antithyroid compounds

such as 6-n-propylthiouracil (propylthiouracil),

1-methyl-2-mercaptoimsdazole and TAPAZCLE.TM. (methimazole),

NEO-MERCAZOLE.TM. (parhimazole); beta-adrenergic receptor antagonists such as propranolol and esmolol; Ca.sup.2+ channel blockers;

demanmethasone and iodinated. . .

. . . a polypeptide of the invention at 150 ng/ml at 4 degrees C. DETD

and

drawn into cold 3 ml syringes. Female C57B1/6 mice approximately 8 weeks old are injected with the mixture of Matrigel and emperimental protein at 2 sites at the. . .

ANSWER 3 OF 3 USPATFULL

ACCESSION NUMBER: 2002:22131 USPATFULL 18 Human secreted proteins TITLE:

Shi, Yanggu, Gaithersburg, MD, UNITED STATES INVENTOR(3.:

Young, Paul E., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Soppet, Daniel R., Centreville, VA, UNITED STATES

Ruber, Steven M., Olney, MD, UNITED STATES

KIND DATE NUMBER. \_\_\_\_\_

PATENT INFORMATION: US 2002012966 A1 20020131 APPLICATION: US 2001-769326 A1 20010125 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2000-US22350,

filed

on 15 Aug 2000, UNENOWN

NUMBER DATE \_\_\_\_\_

US 1999-148759P 19990816 (60) PRIORITY INFORMATION:

Utility DOCUMENT TYPE: FILE SEGMENT: APPLICATION

LEGAL PEPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
LINE COUNT: 183 18157 LINE COUNT:

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes enceding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . as L-T.sub.4.TM., SYNTHROID.TM. and LEVOTHROID.TM. (levothyroxine sodium), L-T.sub.3.TM., CYTOMEL.TM. and TRIOSTA.TM. (liethyroine sodium), and THYROLAR.TM. (liotrix); antithyroid compounds such as 6-n-propylthiouracil (propylthiouracil),

1-methyl-2-mercaptoimidazole and TAPAZOLE.TM. (methimazole), NEC-MEFCAZOLE.TM. (carkimazole); beta-adrenergic receptor antagonists such as propranolol and esmolol; Ca.sup.2+ channel blockers; dexarnethasone and iodinated. . .

DETD . . . a polypeptide of the invention at 150 ng/ml at 4 degrees C and drawn into cold 3 ml syringes. Female C57B1/6 mide approximately 8 weeks old are injected with the mixture of Matrigel and experimental protein at 2 sites at the. . .

=> b biosis

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 8.99 9.20

FULL ESTIMATED COST

FILE 'BIOSIS' ENTERED AT 18:06:59 ON 20 OCT 2002 COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(P)

FILE COVERS 1969 TO DATE. CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 16 October 2002 (20021016/ED)

=> s (c57k1()€) and propylthiouracil

1681 057B1

1348525 €

961 C57B1(W)6

2082 PROPYLTHIOURACIL

L4 .C57B1(W)6) AND PROPYLTHIOURACIL

= → b lifesci

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST

0.83 10.03

FILE 'LIFESCI' ENTEPED AT 18:07:18 ON 20 OCT 2002 COPYRIGHT (C) 2002 Cambridge Scientific Abstracts (CSA)

FILE COVERS 1978 TO 8 Oct 2002 (20021308/ED)

 $\Rightarrow$  s (c57bl() $\in$ ) and propylthiouracil

616 C57E1

182341 6

417 C57B1(W)6

333 PROFYLTHIOURACIL

L5 (C57B1(W) 6) AND PROPYLTHIOURACIL

=> b embase

COST IN U.S. POLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY 0.94

SESSION

FILE 'EMBASE' ENTERED AT 18:07:29 ON 20 OCT 2002 COPYRIGHT (C) 2002 Elsevier Science B.V. All rights reserved.

FILE COVERS 1974 TO 17 Oct 2002 (20021017/ED)

EMBASE has been reloaded. Enter HELP RLDAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=: s (c57b1()6) and propylthiouracil

1315 057Bl

800375 €

738 C57B1(W)6

4768 PPOPYLTHIOURACIL

0 (C57B1(W)6) AND PROPYLTHIOURACIL  $L_{15}$ 

= · b medline carlus lifesci embase uspatfull kicsis

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION
1.11 12 08

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 18:08:06 ON 20 OCT 2002

FILE 'CAPLUS' ENTERED AT 18:08:06 ON 20 OCT 2002 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTCMEP AGREEMENT. PLEASE SEE "HELF USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'LIFESCI' ENTERED AT 18:03:36 ON 20 OCT 2002 COPYRIGHT (C) 2002 Cambridge Scientific Abstracts (CSA)

FILE 'EMBASE' ENTERED AT 18:08:06 ON 20 OCT 2001 COPYRIGHT (C) 2002 Elsevier Science B.V. All rights reserved.

FILE 'USPATFULL' ENTERED AT 18:08:06 ON 20 OCT 2002 CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 18:08:06 ON 20 OCT 2002 COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)

=> s (c57b1()6) and (methimazole or carbamizole)

3 (C57B1(W) 6) AND (METHIMATOLE OR CARBAMIZOLE) L7

=> dup rem 17

PROCESSING COMPLETED FOR L7 3 DUP REM L7 (0 DUFLICATES REMOVEL)

=> d 18 ibib abs tot kwic

ANSWER 1 OF 3 USPATFULL

TITLE:

INVENTOR(S):

ACCESSION NUMBER: 2002:221958 USFATFULL 17 human secreted proteins

Rosen, Craig A., Laytonsville, MD, UNITED STATES Komatsoulis, George A., Silver Spring, MD, UNITED

STATES Baker, Kevin P., Darnestown, MD, UNITED STATES Birse, Charles E., North Potomac, MD, UNITED STATES Soppet, Daniel R., Centreville, VA, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES Moore, Paul A., Germantown, MD, UNITED STATES Wei, Ping, Brookeville, MD, UNITED STATES

Ebner, Peinhard, Gaithersburg, MD, UNITED STATES Duan, D. Roxanne, Bethesda, MD, UNITED STATES Shi, Yanggu, Gaithersburg, MD, UNITED STATES Choi, Gil H., Rockville, MD, UNITED STATES

Fiscella, Michele, Bethesda, MD, UNITED STATES Ni, Jian, Germantown, MD, UNITED STATES Ruben, Steven M., Olney, MD, UNITED STATES Barash, Steven C., Rockville, MD, UNITED STATES

NUMBEP	KIND	DATE			

PATENT INFORMATION: APPLICATION INFO .:

US 20021::0103 A1 :::00208::9 US :::001-915582 A1 :::20010727 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WD 2001-US1431, filed on 17 Jan 2001, UNKNOWN

> DATE NUMBER

PRIORITY INFORMATION:

US 2000-179065P 20000131 (60) 

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

LEGAL REFRESENTATIVE: HUMAN GENOME SCIENCES INC. 3410 KEY WEST AVENUE,

ROCKVILLE, MD, 2085)

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

23 1 30630

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT. The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD

. . . (levothyroxine sodium), L-T.sub.3.TM., CYTCMEL.TM. and TRIOSTAT.TM. (liothyroine sodium), and THYFOLAF.TM. (liotrix); antithyroid compounds such as 6-n-propylthicuracil (propylthiouracil), 1-methyl-2-mercaptoimidatole and TAFAZOLE.TM. (methimazole), NEC-MERCAZOLE.TM. (carbimazole); beta-adrenergic receptor antagonists such as propranolol and esmolol; Ca.sup.2+ channel blockers; dexamethasone and indinated radiological contrast agents such. . . . a polypeptide of the invention at 150 ng/ml at 4 degrees C.

DETD and

drawn into cold 3 ml syringes. Female C57B1/6 mice approximately 8 weeks old are injected with the mixture of Matrigel and experimental protein at 2 sites at the. .

ANSWER 2 OF 3 USPATFULL

ACCESSION NUMBER:

2002:148614 USPATFULL 28 human secreted proteins

TITLE: INVENTOR(S): Fuben, Steven M., Olney, MD, UNITED STATES Posen, Craig A., Laytonsville, MD, UNITED STATES

Li, Yi, Sunnyvale, CA, UNITED STATES Zeng, ZhiZhen, Lansdale, FA, UNITED STATES Kyaw, Hla, Frederick, MD, UNITED STATES Fischer, Carrie L., Burke, VA, UNITED STATES Li, Haodeng, Gaithersburg, ME, UNITED STATES Soppet, Daniel R., Centreville, VA, UNITED STATES Gentz, Reiner L., Pockville, MD, UNITED STATES

Wei, Ying-Fei, Berkeley, CA, UNITED STATES Moore, Paul A., Germantown, MD, UNITED STATES Young, Paul E., Gaithersburg, MD, UNITED STATES Greene, John M., Gaithersburg, MD, UNITED STATES Ferrie, Ann M., Painted Post, NY, UNITED STATES

NUMBEF KIND DATE

PATENT INFORMATION: US 2002076756 A1 20020620 APPLICATION INFO.: US 2001-853161 A1 20010511 (9)

DATE NUMBER \_\_\_\_\_

PRIORITY INFORMATION: US 3001-265583P 20010202 (60)

PRIORITE IN CO.

DOCUMENT TYPE: Utility

APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23
EXEMPLARY CLAIMS NUMBER OF JET 1 EXEMPLARY CLAIM: 1 17788

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . (levothyrowine scdlum), L-T.sub.3.TM., CYTOMEL.TM. and DETD TRIOSTAT.TM. (liothyroine sodium), and THYROLAR.TM. (liotrix);

antithyroid compounds such as 6-n-propylthiouracil (propylthiouracil),

1-methyl-2-mercaptoimidazole and TAPAZOLE.TM. (methimazole),

NEG-MERCAZOLE.TM. (marbimazole); beta-adrenergic receptor antagonists such as proprancial and esmaiol; Ca.sup.2+ channel blockers;

dexamethasone and iodinated radiological contrast agents such. .

. . . a polypertide of the invention at 150 ng/ml at 4 degrees C. DETD and

drawn into cold 3 ml syringes. Female C57B1/6 mice approximately 8 weeks old are injected with the mixture of Matrigel and experimental protein at 2 sites at the. . .

ANSWER 3 OF 3 USPATFULL

2002:32131 USPATFULL ACCESSION NUMBER: 18 Human secreted proteins TITLE:

Sh:, Yanggu, Gaithersburg, MD, UNITED STATES INVENTOR (5): Young, Faul E., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Soppet, Daniel R., Centreville, VA, UNITED STATES

Ruben, Steven M., Clney, MD, UNITED STATES

KIND DATE NUMBER \_\_\_\_\_

PATENT INFORMATION: US 2002012966 A1 20020131 APPLICATION INFO.: US 2001-768826 A1 20010125 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2000-US22350, filed

on 15 Aug 2000, UNKNOWN

NUMBER LATE \_\_\_\_\_\_

FRIORITY INFORMATION: US 1399-148759P 19990816 (60)

LOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL PEPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

NUMBER OF CLAIMS: 2?
EXEMPLARY CLAIM: 1
LINE COUNT: 18157
CAS INDENTICE:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention relates to novel human secreted proteins and

isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

. . . (levothyroxine sodium), L-T.sub.3.TM., CYTOMEL.TM. and DETD TRIOSTA.TM. (liothyroine sodium), and THYROLAR.TM. (liotrix); antithyroid compounds such as 6-n-propylthiouracil (propylthiouracil), 1-methyl-2-mercaptoimidazole and TAPAZOLE.TM. (methimazole), NEO-MERCAZCLE.TM. (carbimazole); beta-adrenergic receptor antagonists such as propranolol and esmolol; Ca.sup.2+ channel blockers; dexarnethasone and iodinated radiological contrast agents such. .

. . . a polypeptide of the invention at 150 ng/ml at 4 degrees C and DETD drawn into cold 3 ml syringes. Female C57B1/6 mice approximately 8 weeks old are injected with the mixture of Matrigel and experimental protein at 2 sites at the. . .

MEDLINE ANSWER 21 OF 124

MEDLINE ACCESSION NUMBER: 93319417

PubMed ID: 7681993 9331∃417 DOCUMENT NUMBER:

In vive expression of inducible nitric exide synthase in TITLE:

emperimentally induced neurologic diseases.

E:ratum in: Proc Natl Acad Sci U S A 1993 Jun COMMENT:

1;90(11):5378

Korrowski H; Zheng Y M; Heber-Katz E; Fraser N; AUTHOR:

Rorke L; Fu Z F; Hanlen C; Dietzschold B

Department of Microbiology and Immunology, Thomas COPPORATE SOUPCE:

Jefferson

University, Philadelphia, PA 19107.

A1-03701 (NIAID) CCHTRACT NUMBER:

MH-45174 (NIMH) NS11036 (NINDS)

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE

UNITED STATES OF AMERICA, (1993 Apr 1) 90 (7) 3024-7.

Journal code: 7505876. ISSN: 0027-8424.

United States PUB. COUNTRY:

Journal; Article: (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

193305 EUTRY MOUTH:

Entered STN: 19930521 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19930504

ANSWER 22 OF 124 MEDLINE

ACCESSION NUMBER: 92384529 MEDI.INE

PubMed ID: 1381167 92384529 DOCUMENT NUMBER:

Shared T-cell receptor gene usage in experimental allergic TITLE:

neuritis and encephalomyelitis.

Comment in: Ann Neural. 1993 Jul;34(1):113-4 COMMENT:

Clark L; Heber-Katz E; Fostami A AUTHOR:

COPPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

PA.

AF39489 (NIAMS) CONTRACT NUMBER:

NS-11036 (NINDS) NS08075 (NINDS)

ANNALS OF NEUROLOGY, (1392 Jun) 31 (6) 587-92. SOURCE:

Journal code: 7707449. ISSN: 0364-5134.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Friority Journals FILE SEGMENT:

199209 ENTRY MONTH:

Entered STN: 19921018 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19920925

ANSWER 23 OF 121 MEDLINE

ACCESSION NUMBER: 90352658 MEDLINE

PubMed ID: 1386519 92352658 DOCUMENT NUMBER:

Observations, legends, and conjectures concerning TITLE:

restricted T-cell receptor usage and autoimmune disease.

Esch T; Clark L; Zhang X M; Goldman S; Heber-Katz E AUTHOF:

Wistar Institute, Philadelphia, PA 19104. COPPORATE SOURCE:

CONTRACT NUMBER: CA-09171 (NCI)

NS-11036-17 (NINDS)

CRITICAL REVIEWS IN IMMUNOLOGY, (1992) 11 (5) 249-64. SOURCE:

kef:

Journal code: 8914819. ISSN: 1040-8401.

United States PUB. COUNTRY:

Journal; Article; (JCURNAL ARTICLE) DOCUMENT TYPE:

General Review; REVIEW)

(REVIEW, ACADEMIC)

English. LATFUA JE:

Priority Journals FILE SEGMENT:

199209 ENTRY MONTH:

Entered STN: 19910925 ENTRY DATE:

Last Updated on STN: 19920925 Entered Medline: 19920904

MEDLINE L5 ANSWER 24 OF 124

MEDLINE ACCESSION NUMBER: 921214.01

92121421 FubMed ID: 1531052 DOCUMENT NUMBER:

A workshop on thymus, clonal deletion and suppressor TITLE:

systems in demyelinating disease. 20-24 March 1991,

Eldorado Hotel, Sante Fe, NM, USA.

Heber-Katz E; Waksman B

COPPOFATE SOURCE: Wistar Institute, Philadelphia, PA 19104.

JOUPNAL OF NEUFCIMMUNOLOGY, (1992 Feb) 36 (2-3) 231-8. SOURCE:

Journal code: 8109498. ISSN: 0165-5728.

FUB. COUNTRY: Netherlands
DOCUMENT TYFE: Conference; Conference Article; (CONGRESSES)
LANGUAGE: English

LANGUAGE:

Friority dournals FILE SEGMENT:

199202 ENTRY MONTH:

Entered STN: 19920315 ENTRY DATE:

Last Updated on STN: 13990129 Entered Medline: 19920201

ANSWER 25 OF 124 MEDLINE

ACCESSION NUMBER: 90113054 MEDLINE

92113054 PubMed ID: 1370515 DOCUMENT NUMBER:

T cell receptor sequences from encephalitogenic T cells in TITLE:

adult Lewis rats suggest an early ontogenic origin.

Nhang X M; Heber-Katz E

COFFCRATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia, PA

19104.

CONTRACT NUMBER: NS-11036-17 (NINDS)
SOURCE: JCUPNAL OF IMMUNOLOGY, (1992 Feb !) 148 (3) 746-52. SOUPCE:

Journal code: 2985117R. ISSN: 0022-1767.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOUPNAL ARTICLE)

English LANGUAGE:

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

199202 ENTRY MONTH:

Entered STN: 19920308 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19920219

MEDLINE ANSWER 26 OF 124

ACCESSION NUMBER: 90062769 MEDLINE

PubMed ID: 1954284 92062769

DOCUMENT NUMBER: The autoimmune T-cell receptor in experimental disease. TITLE:

Heber-Katz E CORFORATE SOURCE: Wistar Institute, Philadelphia, Pennsylvania. IMMUNOLOGY SERIES, (1931) 55 155-69. Ref: 72 SOURCE:

Journal code: 0404721. ISSN: 0092-6019.

United States

FUB. COUNTRY: DOCUMENT TYPE: Journal: Article: (JOUFNAL ARTICLE)

General Review: (REVIEW)

(PEVIEW, ACADEMIC)

English LANGUAGE:

FILE SEGMENT: Pricrity Journals

ENTRY MONTH: 199201

ENTRY DATE: Entered STN: 19920124

Last Updated on STN: .00000303 Entered Medline: 19920163

L5 AMSWER 27 OF 124 MEDLINE

ACCESSION NUMBER: 31334437 MEDLINE

DOCUMENT NUMBER: 41334437 PubMed ID: 1714594

TiTLE: T-cell receptor peptide immunization leads to enhanced and

chronic experimental allergic encephalomyelitis.

AUTHOR: Descrience-Clark L; Esch T E; Otvos L Jr; Heber-Katz

E

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia, PA

19154.

CONTRACT NUMBER: 13 11036 (NINDS)

SCUPIE: PROGEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE

UNITED STATES OF AMERICA, (1991 Aug 15) 38 (16) 7219-23.

Journal code: 7505876. ISSN: 0027-8424.

FUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199109

ENTRY DATE: Entered STN: 19911006

Last Updated on STN: 20000303 Entered Medline: 19910918

LE AUSWER 28 OF 124 MEDLINE

ACCESSION NUMBER: 91830429 MEDLINE

DOCUMENT NUMBER: 91332429 PubMed ID: 1714476

TITLE: Nonendephalitogenic CD4 CD8- V alpha 2V beta 3.2+

anti-myelin basic protein rat T lymphocytes inhibit

disease

induction.

AUTHOR: Lider O; Miller A; Mirch S; Hershkoviz R; Weiner H L;

Zhang

X M; Heber-Katz E

CORFORATE SOURCE: Department of Cell Biclogy, Weizmann Institute of Science,

Pehovot, Israel.

SOUPCE: JOUPNAL OF IMMUNOLOGY, (1991 Aug 15) 147 (4) 1208-13.

Journal code: 2985117R. ISSN: 0022-1767.

FUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 199109

ENTRY DATE: Entered STN: 19911006

Last Updated on STN: 20000303 Entered Medline: 19910916

L5 ANSWER 29 OF 124 MEDLINE

ACCESSION NUMBER: 91161691 MEDLINE

DOCUMENT NUMBER: 91161691 PubMed ID: 1705946

TITLE: Cytotomic effects of myelin basic protein-reactive T cell

hybridoma dells on oligodendrocytes.

AUTHOR: Kawai K; Heber-Katz E; Zweiman B

CORFORATE SOURCE: Department of Neurology, University of Pennsylvania School

of Medicine, Philadelphia 19104-6057.

CONTRACT NUMBER: NS11036 (NINDS)

FOL MS11037 (NIMES)

SOURCE: TOURNAL OF NEUROIMMUNOLOGY, (1991 Apr) 32 (1) 75-81.

Journal code: 8109498. ISSN: 0165-5728.

PUB. COUNTRY: Netherlands

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Friority Journals

:HTRCM YATKIE 199104

ENTRY DATE: Entered STN: 19910505

Last Updated on STN: 19360129 Entered Medline: 19910417

L5 ANSWER 30 OF 124 MEDLINE

ACCESSION NUMBER: 91079587 MEDLINE

91079537 I DOUMENT NUMBER: PubMed ID: 1701301

TITLE: Characterization of a new, potent, immunopathogenic

epitope

in S-antigen that elicits T cells expressing V beta 8 and

alpha 2-like genes.

AUTHOF: Merryman C F; Donoso L A; Shang X M; Heber-Katz E

; Gregerson D S

CORPORATE SOURCE: Department of Brochemistry, Jefferson Medical College,

Thomas Jefferson University, Philadelphia, PA 19107.

EY35095 (NEI) CONTRACT NUMBER:

EY07610 (NEI) NS11086 (NINDS)

SOURCE:

JCURNAL OF IMMUNOLOGY, (1991 Jan 1) 146 (1) 75-80.

Journal code: 2985117R. ISSN: 0022-1767.

FUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

Abridged Index Medicus Journals; Priority Journals FILE SEGMENT:

ENTRY MONTH: 199101

EMTRY LATE: Entered STN: 19910322

> Last Updated on STN: 19970103 Entered Medline: 19910128

L5 ANSWER 31 OF 124 MEDLINE

ACCESSION NUMBER: 91070846 MELLINE

DOCUMENT NUMBER: 91070846 PubMed ID: 1983968

TITLE: Conserved T cell receptor V gene usage by uveitogenic T

cells.

AUTHOR: Gregerson D S; Fling S P; Merryman C F; Zhang X M; Li X B;

Heber-Katz E

CORPORATE SOURCE: Department of Orhthalmology, University of Minnesota,

Minneapolis 55455.

CONTRACT NUMBER: EY05417 (NEI)

NS1108€ (NINDS)

SOURCE: CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, (1991 Jan) 58 (1)

154-61.

Journal code: 0356637. ISSN: 0090-1229.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199101

ENTRY DATE: Entered STN: 19910308

Last Updated on STN: 19910308 Entered Medline: 19910122

ANSWER 32 OF 124 MEDLINE

ACCESSION NUMBER: 90357695 MEDLINE

DOCUMENT NUMBER: 90357695 PubMed ID: 2143872

TITLE: Immunologic consequence of class II+ pancreatic islet

allografts on recipient responsiveness.

AUTHOF: Markmann J F; Barker C F; Lo D; Brinster R; Heber-Katz

E; Naji A

CDRPORATE SOURCE: Department of Surgery, University of Pennsylvania Medical

Center, Philadelphia 19104.

CONTRACT NUMBER: 5Y32GM07170 (NIGMS)

DK26007 (NIDDK)

DE34878 (NIDDK)

SOURCE: TRANSPLANTATION PROCEEDINGS, (1990 Aug) 22 (4) 2052-3.

Journal ccde: 0243531. ISSN: 0041-1345.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Artitle; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Cournals

ENTRY MONTH: 199009

ENTRY DATE: Entered STN: 19301-20

Last Updated on STN: 1\*901026 Entered Medline: 19900\*26

L5 ANSWER 33 OF 124 MEDLINE

A MEDSION NUMBER: 90336334 MEDLINE

DOCUMENT NUMBER: 90336334 PubMed ID: 2434051

TITLE: A new hierarchy of TCR specificity: autoimmune diseases

are

defined by particular V alpha V beta combinations and not

by antigen specificity.

AUTHOR: Heber-Katz E

COFFORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

Pennsylvania 19104.

CONTRACT NUMBER: MS-11036 (MINDS)

SOURCE: COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY,

(1989)

54 Pt 2 875-8.

Journal code: 1256107. ISSN: 0091-7451.

FUB. COUNTRY: United States

EGCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199009

ENTRY DATE: Entered STM: 19901012

Last Updated on STN: 20000303 Entered Medline: 19900913

L5 ANSWER 34 OF 124 MEDLINE

ACCESSION NUMBER: 90168093 MEDLINE

DOCUMENT NUMBER: 90168093 PubMed ID: 1689623

THIE: The autoimmune T cell receptor: epitopes, idiotopes, and

malatopes.

AUTHOF: Heber-Katz E

CORPORATE SOURCE: Wistar Institute, Philadelphia, Pennsylvania 19104.

SOUFCE: CLINICAL I

CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, (1990 Apr) 55 (1)

1-8. Ref: 36

Journal code: 0356637. ISSN: 0090-1229.

FUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, TUTORIAL)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTET MONTH: 199004

ENTET DATE: Entered STN: 19900601

Last Updated on STN: 20000303 Entered Medline: 19900405

L5 ANSWER 35 OF 124 MEDLINE

ACCESSION NUMBER: 30063034 MEDLINE

DOCUMENT NUMBER: 90063034 PubMed ID: 2479681

TITLE: Determinants of human myelin basic protein that induce

encephalitogenic T cells in Lewis rats.

AUTHOF: Vandenbark A A; Hashim G A; Celnik B; Galang A; Li X B;

Heber-Katz E; Offner H

CORPORATE SOURCE: Neuroimmunology Research, VA Medical Center, Portland, OR

97201.

CONTRACT NUMBER: NS-L1466 (NINDS)

NS-23221 (NINDS) NS-23444 (NINDS.

JOURNAL OF IMMUNOLOGY, (1989 Dec 1) 143 (11) 3512-6. STURIE:

Journal code: 2985117R. ISSN: 0022-1767.

PUB. COUNTRY: United States

Journal: Artible: (JOURNAL ARTICLE) DOCUMENT TYPE:

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals: Priority Journals

ENTRY MONTH: 1901

ENTRY DATE: Er.tered STN: 19900328

> Last Updated on STN: 20000303 Entered Medline: 199001)5

L'S ANSWER 36 OF 124 MEDLINE

ACCESSION NUMBER: 89361065 MEDLINE

39361265 PubMed ID: 2475577 DOCUMENT NUMBER:

TITLE: Lack of immunodominance in the T cell response to herpes

simplex virus glycoprotein D after administration of

infectious virus.

Yamashita K; Heber-Katz E

CCRPGRATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

Pennsylvania 19104.

CONTRACT NUMBER: A1-22528 (NIAID)

SOURCE: JOURNAL OF EMPERIMENTAL MEDICINE, (1989 Sep 1) 170 (3)

997-1002.

Journal code: 2985109R. ISSN: 0022-1007.

Journal: Article; JOURNAL ARTICLE)

DICUMENT TYPE: Journal; Artic FILE SEGMENT: Priority Journals

ENTRY MONTH: 198910

ENTRY DATE: Entered STN: 19900309

> Last Updated on STN: 19970203 Entered Medline: 19891003

ANSWER 37 OF 124 MEDLINE

ACCESSION NUMBER: 89328317 MEDLINE

89308317 PubMed ID: 0474052 DOCUMENT NUMBER:

T dell determinants of myelin basic protein include a TITLE:

unique encephalitogenic I-E-restricted epitope for Lewis

rats.

Offner H; Hashım G A; Celnik B; Galang A; Li X B; Burns F AUTHOR:

R; Shen N; Heber-Katz E; Vandenbark A A

CORPORATE SOURCE: Veterans Administration Medical Center, Portland, Oregon

97201.

CONTRACT NUMBER: NS-21466 (NINDS)

NS-23221 (NINDS) NS-23444 (NINDS)

SOURCE: JOUPNAL OF EXPERIMENTAL MEDICINE, (1989 Aug 1) 170 (2)

355-67.

Journal code: 2985109R. ISSN: 0022-1007.

PUB. COUNTRY:

United States Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198909

ENTRY DATE: Entered STN: 19900309

> Last Updated on STN: 20000303 Entered Medline: 19890905

ANSWEF 38 OF 124 MEDLINE

ACCESSION NUMBEF: 89302583 MEDLINE

DOCUMENT NUMBER: 89302583 PubMed ID: 6101061

TITLE: The Ta molecule of the antigen presenting cell plays a

critical role in immune response gene regulation of T cell

activation.

Heber-Katz E; Hansburg D; Schwartz R H AUTHOR:

CORPORATE SOURCE: Laboratory of Immunology, National Institutes of Allergy

and Infectious Diseases, Bethesda, MD 20205.

JOURNAL OF MOLECULAR AND CELLULAR IMMUNOLOGY, (1983) 1 (1) SOURCE:

3-18.

Journal code: 8405005, ISSN: 0724-6803.

United States

Journal; Artible; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

PUB. COUNTRY:

Priority Journals FILE SEGMENT:

193909 ENTRY MONTH:

Entered STM: 19900309 ENTRY DATE:

> Last Updated on STM: 19900309 Entered Medline: 1989-801

ANSWER 39 OF 124 MEDLINE

ACCESSION NUMBER: 89302580 MEDILINE

DOCUMENT NUMBER: 89300580 PubMed ID: 2663017

TITLE: The V-region disease hypothesis: evidence from autoimmune

encephalemyelitis.

Heber-Katz E; Acha Orbea H AUTHOR:

CONTRACT NUMBER: A1007757 (NIAID)

NS 11086 (MINDS) NJ 18035 (MINDS)

SCURCE: IMMUNOLOGY TODAY, (1989 May) 10 (5) 164-9. Ref: 41

Journal code: 6008346. ISSN: 6167-5699.

PUB. COUNTRY: ENGLAND: United Kingdom

DOGUMENT TYPE: - Journal: Article: (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, ACADEMIC)

LANGUAGE: English

Priority Journals FILE SEGMENT:

ENTRY MONTH: 198908

ENTRY DATE: Entered STM: 19900309

> Last Updated or STN: 10000303 Entered Medline: 1989/AD2

L5 AMSWER 40 OF 124 MEDLINE

ALTESSICH NUMBER: 47086969 MEILINE

DOGUMENT NUMBER: 39086963 PubMed ID: L462833

TITLE: Clonal modulation of emperimental allergic

endephalomyelitis by a monoclonal antibody directed to the

T-dell redeptor.

AUTHOR: Heber-Katz E; Ownashi M; Happ M P; Burns F; Shen

N; Li K

CORFORATE SOURCE: Wistar Institute, Philadelphia, Pennsylvania 19104.

SOUFCE: ARNALS OF THE NEW YORK ACADEMY OF SCIENCES, (1988) 540

575-7.

Journal code: 7506858. ISSN: 0077-8923.

FUB. CCUNTRY: United States
DOCUMENT TYPE: Journal: Article: GCUPNAL ARTICLE)
LANGUAGE: English

Priority Journals FILE SEGMENT:

ENTRY MONTH: 198902

ENTRY LATE: Entered STM: 13300308

> Last Updated on STN: 20000303 Entered Medline: 1989J208

LS ANSWER 41 OF 124 MEDLINE

ACCESSION NUMBER: 80080488 MEDLINE

DCCUMENT NUMBER: 89080488 PubMed ID: 2462609

Both rat and mouse T cell receptors specific for the TITLE:

encephalitogenic determinant of myelin basic protein use

similar V alpha and V beta chain genes even though the major histocompatibility complex and encephalitogenic

determinants being recognized are different.

AUTHOR:

Burns F R; Li X B; Shen N; Offner H; Chou Y K; Vandenbark

Α

A; Heber-Katz E

Wistar Institute of Anatomy and Biology, Philadelphia, CORPORATE SOURCE:

Pennsylvania 19104.

CONTRACT NUMBER: MS-11036 (NINDS)

N3-23221 (NINDS) NS-23444 (NINDS)

SOURCE:

FOURNAL OF EMPERIMENTAL MEDICINE, (1989 Jan 1) 169 (1)

27-39.

Journal code: 1985109R. ISSN: 0022-1007.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals GENBANK-Y00803 OTHER SOURCE:

ENTRY MONTH: 198902

ENTRY DATE: Entered STN: 19900308

> Last Updated on STN: 19970203 Entered Medline: 19890209

AUSWER 42 OF 124 MEDLINE

ACCESSION NUMBER: 89067833 MEDLINE

DOCUMENT NUMBER: 89067823 PubMed ID: 2462007

TITLE: Protection from experimental allergic encephalomyelitis

> conferred by a monoclonal antibody directed against a shared idiotype on rat T cell receptors specific for

myelin

basic protein.

Owhashi M; Heber-Katz E AUTHOR:

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

Pennsylvania 19104.

CONTRACT NUMBER: NS-11036 (NINDS)

SOURCE: JOURNAL OF EMPERIMENTAL MEDICINE, (1988 Dec 1) 168 (6)

2153-64.

Journal code: 2985109R. ISSN: 0022-1007.

FUB. COUNTRY: United States

Journal; Article; (JOUFNAL ARTICLE) DOCUMENT TYPE:

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198901

ENTRY DATE: Entered STN: 19900308

> Last Updated on STN: 20000303 Entered Medline: 19890117

AUSWER 43 OF 124 MEDLINE

ACCESSION NUMBER: 89057143 MEDLINE

DOCUMENT NUMBER: 89057143 PubMed ID: 3143077

TITLE: Antiger presenting function of class II MHC expressing

pancreatic beta cells.

AUTHOR: Markmann J; Lo D; Naji A; Falmiter R D; Brinster R L;

Heber-Katz E

CORPORATE SOURCE: Department of Surgery, School of Medicine, University of

Pennsylvania, Philadelphia 19104.

SOURCE: NATURE, (1988 Dec 1) 336 (6198) 476-9. Journal code: 0410462. ISSN: 0028-0836.

FUB. COUNTRY: ENGLANI: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198901

ENTRY DATE: Entered STN: 19900308

Last Updated on STN: 19900308 Entered Medline: 198901)3

ANSWER 44 OF 124 MEDLINE

ACCESSION NUMBER: 88315748 MEDLINE DOCUMENT NUMBER: 88315749 PubMed ID: 2457618

TITLE: Genetic control of the development of experimental

allergic

encephalomyelitis in rats. Separation of MHC and non-MHC

gene effects.

Happ M P; Wettstein P; Dietzschold B; Heber-Katz E AUTHOR:

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia, PA

19104.

CONTRACT NUMBER: NS-11036 (NINDS)
SOURCE: JOURNAL OF IMMUNOLOGY, (1988 Sep 1) 141 (5) 1489-94.

Journal code: 2985117R. ISSN: 0022-1767.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL AFTICLE)

LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 198809

Entered STM: 19900308 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19890926

AUSWER 45 OF 124 MEDLINE

ACCESSION NUMBER: 88315330 MEDLINE
ECCUMENT NUMBER: 88315330 PubMed ID: 2457602
TITLE: The autoreactive T cell population in experimental

allerdic

encephalomyelitis: T cell receptor beta-chain

rearrangements.

Happ M P: Kiraly A S: Offner H; Vandenbark A; AUTHOF:

Heber-Katz E

CORFORATE SOURCE: Wistar Institute, Philadelphia, PA 19104.

CONTRACT NUMBER: HS-11036 (HINDS)

NS-23221 (NINDS) NS-23444 (NINDS)

JOURNAL OF NEUROIMMUNOLOGY, (1988 Sep) 19 (3) 191-204. SOUFCE:

Journal code: 8109498. ISSN: 0165-5728.

PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; GOOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 193810

ENTRY DATE: Entered STN: 19900308

> Last Updated on STN: 20000303 Entered Medline: 19881003

L5 ANSWER 46 OF 124 MEDLINE

ACCESSION NUMBER: 88284726 MEDLINE

DOCUMENT NUMBER: 88284726 PubMed ID: 3260890

TITLE: A simple technique to distinguish rat from mouse

chromosomes in T cell hybridomas.

Simon D; Valentine S; Heber-Katz E; Knowles B B AUTHOR:

CORPORATE SOURCE: Albert Einstein Medical Center, Department of Obstetrics

and Gynecology, Philadelphia, PA 19141.

CONTRACT NUMBER: CA 10815 (NCI)

CA 18470 (NCI)

SOUPLE: HYBRIDOMA, (1988 Jun) 7 (3) 301-7.

Journal code: 8202424. ISSN: 0272-457X.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal: Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198803

ENTRY DATE: Entered STN: 19900308

Last Updated on STN: 19970203 Entered Medline: 19880902

L5 ANSWER 47 OF 134 MEDLINE

ACCESSION NUMBEF: 88154740 MEDLINE

DOCUMENT NUMBER: 88154740 PukMed ID: 3450161

TITLE: Differences in the repertoire of the Lewis rat T cell

response to self and non-self myelin basic proteins.

AUTHOR: Happ M F; Heber-Katz E

CORFORATE SOURCE: Wistar Institute, Philadelphia, Pennsylvania 19104.

CONTRACT NUMBER: MS-11036 (NINEG)

SOURCE: JOURNAL OF EXPERIMENTAL MEDICINE, (1988 Feb 1) 167 (2)

502-13.

Journal code: 2985109R. ISSN: 0022-1007.

FUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOUPNAL AFTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198804

ENTRY DATE: Entered STM: 19900308

Last Updated on STN: 20000303 Entered Medline: 19880413

L5 ANSWER 48 OF 124 MEDLINE

ACCESSION NUMBEF: 88154724 MEDLINE

DOCUMENT NUMBER: 88154724 PubMed ID: 2450157

TITLE: Overlappin: T cell antigenic sites on a synthetic peptide

fragment from herpes simplex virus glycoprotein D, the degenerate MHC restriction elicited, and functional

evidence for antigen-Ia interaction.

AUTHOR: Heber-Katz E; Valentine S; Dietzschold B;

Burns-Purzycki C

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

Pennsylvania 19104.

CONTRACT NUMBER: AI-22508 (MIAID)

NS-11036 (NINDS)

SOURCE: JOURNAL OF EMPERIMENTAL MEDICINE, (1988 Feb 1) 167 (2)

275-87.

Journal code: 2985109R. ISSN: 0022-1007.

FUB. COUNTRY: United States

LOCUMENT TYPE: Journal; Article; (JOUFNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198804

ENTRY DATE: Entered STM: 19900308

Last Updated on STN: 19970203 Entered Medline: 19880413

L5 ANSWER 49 OF 124 MEDLINE

ACCESSION NUMBER: 88097448 MEDLINE

DOCUMENT NUMBER: 38097448 PubMed ID: 3480536

TITLE: Induction of protective immunity against rabies by

immunization with rabies virus ribonucleoprotein.

AUTHOR: Dietzschold B; Wang H H; Rupprecht C E; Celis E; Tollis M;

Ertl H; Heber-Katz E; Koprowski H

CORPORATE SOURCE: Wistar Institue of Anatomy and Biology, Philadelphia, PA

19104.

CONTFACT NUMBER: AI-09706-16 (NIAID:

AI-22528 (NIAID)

SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE

UNITED STATES OF AMERICA, (1987 Dec) 84 (24) 9165-9.

Journal code: 7505876. ISSN: 0027-8424.

FUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOUP!AL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals 198802

ENTRY MONTH:

ENTRY DATE: Entered STN: 19900305

> Last Updated on STN: 19970203 Entered Medline: 19880220

ANSWER 50 OF 124 MEDLINE

ACCESSION NUMBER: 87139300 MEDLINE

DOCUMENT NUMBER: 87139800 PubMed ID: 3029270

TITLE: A synthetic peptide induces long-term protection from

lethal infection with herpes simplex virus 2.

AUTHOR: Watari E; Dietzschold B; Szokan G; Heber-Katz E

CONTRACT NUMBER: AI-21528 (NIAID)

NS-11 (36 (NINDS)

SOUPCE: JOURNAL OF EXPERIMENTAL MEDICINE, (1987 Feb 1) 165 (2)

459-70.

Journal code: 2985109R. ISSN: 0022-1007.

FUB. COUNTRY: United States

Journa English DOCUMENT TYPE: Journal; Article; :JOURNAL ARTICLE)

LANGUAGE:

Priority Journals FILE SEGMENT:

198704 ENTRY MONTH:

ENTRY DATE: Entered STN: 19900303

> Last Updated on STN: 19970203 Entered Medline: 19870413

L5 AUSWER 51 OF 124 MEDLINE

ACCESSION NUMBER: 87052944 MEILINE

DOCUMENT NUMBER: 87052944 PubMed ID: 3022991

TITLE: Immune response to synthetic herpes simplex virus

peptides:

FUB. COUNTRY:

the feasibility of a synthetic vaccine.

AUTHOR: Heber-Katz E; Dietischold B

SOURCE: CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, (1986) 130

51-64.

Journal code: 0110513. ISSN: 0070-217X. GERMANY, WEST: Germany, Federal Republic of Journal; Article; (JOURNAL ARTICLE)

DOCUMENT TYPE:

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198701

ENTRY DATE: Entered STN: 19900303

> Last Updated on STN: 19900302 Entered Medline: 19870112

ANSWER 52 OF 124 MEDLINE

ACCESSION NUMBER: 86185671 MEDLINE

DOCUMENT NUMBER: 86185671 FubMed ID: 6336258

TITLE: Considerations in the design of a peptide antigen specific

for T cells.

Heber-Katz E; Hollosi M; Hudecz F; Fasman G; AUTHOR:

Dietzschold B

CONTRACT NUMBER: AI-09706 (NIAII)

NS-11036 (NINDS)

SOURCE: ANNALI SCLAVO. COLLANA MONOGRAFICA, (1984) 1 (2) 119-28.

Journal code: 8701688. ISSN: 0003-472X.

PUB. COUNTRY: Italy

DOCUMENT TYPE: Journal; Article; (JCUFNAL AFTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198605

ENTRY DATE: Entered STN: 19900321

> Last Updated on STN: 19970203 Entered Medline: 19860509

ANSWER 53 OF 124 MEDLINE

ACCESSION NUMBER: 86081/28 MEDLINE

DOCUMENT NUMBER: 86081728 PubMed ID: 3935430

TITLE: Tissue-specific, inducible and functional expression of

AUTHOR:

E alpha d MHC class II gene in transgenic mice. Pinkert C A; Widera G; Sowing C; Heber-Katz E;

Palmiter R D; Flavell P A; Brinster R L

CONTRACT NUMBER: AI-16044 (NIAID)

HU-09172 (NICHD) HE-17321 (NICHD)

SOURCE: EMBO JOURNAL, (1985 Sep.) 4 (3) 2225-30.

Journal code: 3208664. ISSN: 0261-4189.

ENGLAND: United Kingdom PUB. COUNTRY:

DOCUMENT TYPE: English Journal; Article; (JOUFNAL ARTICLE)

LANGUAGE:

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198602

ENTRY DATE: Entered STN: 19900321

> Last Updated on STN: 19970203 Entered Medline: 19860207

ANSWER 54 OF 124 MEDLINE

ACCESSION NUMBER: 85235581 MEDLINE

DOCUMENT NUMBER: 85235581 PubMed ID: 2409148

TITLE: The T cell response to the glycoprotein D of the herpes

simplex virus: the significance of antigen conformation.

AUTHOR: Heber-Katz E; Hollasi M; Dietzschold B; Hudecz F;

Fasman G D

CONTRACT NUMBER: AI-09706 (NIAID

NS-11036 (NINDS)

SOUFCE: JOURNAL OF IMMUNOLOGY, (1985 Aug) 135 (2) 1385-90.

Journal code: 2985117R. ISSN: 0022-1767.

FUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOUFNAL ARTICLE)

LANGUAGE: English

Abridged Index Medicus Journals: Priority Journals FILE SEGMENT:

ENTRY MONTH: 198508

ENTRY DATE: Entered STN: 19900320

> Last Updated or STN: 19970203 Entered Medline: 19850819

ANSWER 55 OF 124 MEDLINE

ACCESSION NUMBER: 85113230 MEDLINE

DOCUMENT NUMBER: 85113230 PubMed ID: 2578667

TITLE: Rearrangement and transcription of a T-cell receptor

beta-chain gene in different T-cell subsets.

AUTHOR: Hedrick S M; Germain R N; Bevan M J; Dorf M; Engel I; Fink

P; Gascoigne N; Heber-Katz E; Kapp J; Kaufmann Y;

CONTRACT NUMBER: AI-15353 (NIAII)

AI-20320 (NIAID) AI-21372 (NIAID)

SOURCE:

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE

UNITED STATES OF AMERICA, (1985 Jan) 82 (2) 531-5.

Journal code: 7505876. ISSN: 0027-8424.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOUFNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198503

ENTRY DATE: Entered STN: 19900320

> Last Updated on STN: 19970203 Entered Medline: 19850301

ANSWER JO OF 124 MEDPINE

ACCESSION NUMBER: 83240461 MEDLINE

FOCUMENT NUMBER: #3240461 PubMed ID: 6190979

TITLE: Major histocompatibility complex-controlled,

antigen-presenting cell-expressed specificity of T cell

antigen recognition. Identification of a site of interaction and its relationship to Ir genes.

AUTHOR: Hansburg D; Heber-Katz E; Fairwell T; Appella E

JOURNAL OF EXPERIMENTAL MEDICINE, (1983 Jul 1) 158 (1) SOURCE:

25-39.

Journal code: 2985109R. ISSN: 0022-1007.

FUB. COUNTRY: United States

Journal: Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

LANGUAGE: English

FILE SEGMENT: Friority Journals

ENTRY MONTH: 198308

ENTRY DATE: Entered STN: 19900319

> Last Updated on STN: 19900319 Entered Medline: 19830836

ANSWER 57 OF 124 MEDLINE

ACCESSION NUMBER: 83025072 MEDLINE

DCCUMENT NUMBER: PubMed ID: 6181895 83025072

TITLE: The fine specificity of antigen and Ia determinant

recognition by T cell hybridoma clones specific for pigeon

cytochrome c.

AUTHOR: Hedrick S M; Matis L A; Hecht T T; Samelson L E; Longo D

L;

Heber-Katz E; Schwartz R H

JELL, (1982 Aug) 30 (1: 141-52. SOURCE:

Journal code: 0413066. ISSN: 0092-8674.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198212

ENTRY DATE: Entered STN: 19900317

> Last Updated on STN: 19900317 Entered Medline: 19821218

L5ANSWER 58 OF 124 MEDLINE

ACCESSION NUMBER: 80234876 MEDLINE

DOCUMENT NUMBER: 82234876 PubMed ID: 6178555

TITLE: The effect of antigen presentation on the fine specificity

of anti-cytochrome c T cell hybridomas.

AUTHOR: Heber-Katz E; Hansburg D; Schwartz R H

SOURCE: CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, (1982) 100

117-24.

Journal code: 0110513. ISSN: 0070-217X. PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198209

Entered STN: 19900317 ENTRY DATE:

> Last Updated on STN: 19900317 Entered Medline: 19820924

ANSWER 59 OF 124 MEDLINE

ACCESSION NUMBER: 82144285 MEDLINE

DOCUMENT NUMBER: 82144285 PubMed ID: 6174670

TITLE:

Contribution of antigen-presenting cell major histocompatibility complex gene products to the

specificity

of antigen-induced T cell activation.

AUTHOR: Heber-Katz E; Schwartz R H; Matis L A; Hannum C; raliwell T; Appella E, Hansburg D

CONTRACT NUMBER: AI-12001 (NIAID)

SOURCE: JOURNAL OF EXPERIMENTAL MEDICINE, (1982 Apr 1) 155 (4)

1085-99.

Journal ccde: 2985109R. ISSN: 0022-1007.

FUB. COUNTRY: United States

FOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH:

198205

ENTRY DATE:

Entered STN: 19900317

Last Updated on STN: 19970203 Entered Medline: 19830531

ANSWER 60 OF 124 MEDITNE

ACCESSION NUMBER: 82143853

MEDLINE

DOCUMENT NUMBER:

82143853 PubMed ID: 7199547

TITLE:

Use of a solid-phase 3H-radioimmunoassay for the

measurement of immunoglobulin produced in short-term

cultures of antibody-secreting cells.

AUTHOR:

Mongini P K; Heber-Katz E

SOURCE:

JOURNAL OF IMMUNOLOGICAL METHODS, (1982) 49 (1) 39-52.

Journal code: 1305440. ISSN: 0022-1759.

FUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT:

Priority Journals

ENTRY MONTH:

193205

ENTRY DATE:

Entered STN: 19900317

Last Updated on STN: 19370203 Entered Medline: 19820531

ANSWER 61 OF 124 MEDLINE

ACCESSION NUMBER: 81241325

MELLINE

DOCUMENT NUMBER:

81241325 PubMed ID: 7252415

TITLE:

Idiotype-anti-idiotype regulation. I. Immunization with a levan-binding myeloma protein leads to the appearance of auto-anti-(anti-idiotype) antibodies and to the activation

of silent clones.

AUTHOR:

Bona C A; Heber-Katz E; Paul W E

SOURCE:

JOUPNAL OF EXPERIMENTAL MEDICINE, (1981 Apr 1) 153 (4)

951-67.

Journal code: 2985109R. ISSN: 0022-1007.

FUB. COUNTRY:

DOCUMENT TYPE:

United States
Journal; Article; (JOURNAL ARTICLE)

LANGUAGE:

English

FILE SEGMENT:

Priority Journals

ENTRY MONTH:

198109

ENTRY DATE:

Entered STN: 19900316

Last Updated on STN: 19900316 Entered Medline: 19810922

ANSWEE 62 OF 124 MEDLINE

ACCESSION NUMBER: 80138598

MELLINE

DOCUMENT NUMBER:

80138598 PubMed ID: 6965694

TITLE:

TNP-coupled membranes stimulate T cell proliferation via

the macrophage.

AUTHOR:

Heber-Katz E; Shevach E M

SOURCE:

JCUPNAL OF IMMUNOLOGY, (1980 Mar) 124 (3) 1503-5.

Journal code: 2985117R. ISSN: 0022-1767.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT:

Akridged Index Medicus Journals; Priority Journals

ENTRY MONTH:

198005

ENTRY DATE:

Entered STN: 19900315

Last Updated on STN: 19900315 Entered Medline: 19800514

ANSWER 63 OF 124 MEDILINE

ACCESSION NUMBER: 77244971 MEDLINE

DOCUMENT NUMBER: 77244971 PubMed ID: 70304
TITLE: On the possibility of multiple t-cell receptors. On the possibility of multiple coefficient Wilson D B; **Heber-Katz E**; Sprent J; Howard J C COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY, AUTHOR: SOURCE:

(1977)

41 Pt 2 559-61.

Journal code: 1256107. ISSN: 0091-7451.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 197710

ENTRY MONTH: 197710

Entered STN: 19900314 ENTRY DATE:

> Last Updated on STN: 19900314 Entered Medline: 19771020

T.5, ANSWER 64 OF 124 MEDLINE

ACCESSION NUMBER: 76121749 MEDLINE

DOCUMENT NUMBER: 76121749 PubMed ID: 55462

Sheep red blood cell-specific helper activity in rat TITLE:

> thoracic duct lymphocyte populations positively selected for reactivity to specific strong histocompatibility

alloantigens.

AUTHOR: Heber-Katz E; Wilson D B

SOURCE: JOURNAL OF EXFERIMENTAL MEDICINE, (1976 Mar 1) 143 (3)

701-6.

Journal code: 2985109R. ISSN: 0022-1007.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 197604

Entered STN: 19900313 ENTRY DATE:

Last Updated on STN: 19950206 Entered Medline: 19760427

ANSWER 65 OF 124 MEDLINE

ACCESSION NUMBER: 76047307 MEDLINE
DOCUMENT NUMBER: 76047307 PubMed ID: 52686
TITLE: Collaboration of allogeneic T and B lymphocytes in the

primary antibody response to sheep erythrocytes in vitro.

Heber-Katz E; Wilson D B AUTHOR:

SOUPCE: JOURNAL OF EXPERIMENTAL MEDICINE, (1975 Oct 1) 142 (4)

928-35.

Journal code: 2985109R. ISSN: 0022-1007.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 197601

ENTRY DATE: Entered STN: 19900313

Last Updated on STN: 19900313 Entered Medline: 19760117

ANSWER 66 OF 124 MEDLINE

ACCESSION NUMBER: 73072930 MEDLINE

DOCUMENT NUMBER: 73072930 FubMed ID: 4645593
TITLE: Immune responses in vitro. V. Role of mercaptoethanol in

the mixed-leukocyte reaction.

Heber-Katz E; Click F E AUTHOR:

CELLULAR IMMUNGLOGY, (1972 Nov) 5 (3) 410-8. SOURCE:

Journal code: 1246405, ISSN: 0008-8/49.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 197303
ENTRY DATE: Entered STN: 19900310
Last Updated on STN: 19970203 Entered Medline: 19730305

L5 ANSWER 67 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:65743% CAPLUS

DOCUMENT NUMBER: 134:205240

Experimental autoimmune meningitis as a model for TITLE:

activation and differentiation of pathogenic T cells

AUTHOR(S): Perrin, Peter J.; Phillips, S. Michael; Rumbley,

Catherine A.; Clark, Lise; Heber-Katz, Ellen Department of Medicine, University of Pennsylvania CORPORATE SOURCE: School of Medicine, Philadelphia, PA, 19104, USA

SOURCE: Research Developments in Immunology (1999),

1(Ft. 1), 197-207

CODEN: PRDIB3 FUBLISHER: Research Signpost
ECCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 74 THERE ARE 74 CITES

THERE ARE 74 CITED REFERENCES AVAILABLE FOR

THIS

RECOPD. ALL CITATIONS AVAILABLE IN THE RE

FCRMAT

LE ANSWER 68 OF 124 CAPING COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1999:529246 CAPLUS

DOCUMENT NUMBER: 131:168353

Identification of loci involved in accelerated wound TITLE:

healing and the development of new wound healing

US 1998-97937P A2 19980826

promoters

INVENTOR(S): Heber-Katz, Ellen

PATENT ASSIGNEE(S): The Wistar Institute, USA

SOURCE: FCT Int. Appl., 136 pp.

CODEN: PIMME?

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

P	PATENT NO.			KI					APPLICATION NO. DATE								
w W	о 9941	364				1999	0919						2	1999	0212		
W	0 9941	364		A	3	1993	1223										
	W:	AL,	ΑM,	AT,	AU,	ΑZ,	ΒA,	BB,	BG,	BP,	BY,	CA,	CH,	CN,	CU,	CZ,	DΕ,
		DK,	EE,	ES,	FI,	GB,	GE,	GE,	GH,	GM,	HR,	HU,	ID,	ΙL,	I11,	IS,	JP,
		KE,	KG,	KP,	KR.,	KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MK,	MN,
														SK,			
		TR,	TT,	UA,	UG,	US,	IJΞ,	VII,	YU,	ZW,	AM,	AΞ,	BY,	KG,	K2,	ME.	PU,
		TJ,	TM										·	,		,	,
	P.W:	GH,	GM,	KE,	LS,	MW,	SD,	SI,	UG,	ΞW,	AT,	BE,	CH,	CY,	DE,	DK,	ES,
														вJ,			
						ML,			,	,		ŕ	•	•	•	,	,
CA 2319700 AA 19990819 CA 1999-2319700 19990212																	
	U 9926																
	P 1053													1999			
	F:													NL,		MC.	PT.
		IE,		,	,		,	/	,	,	,	,	,	,	~ 2 ,	,	,
JP 2002503460 T2 20020205 JP 2000-531545 19990212																	
PFICEI'																	

US 1998-102051P A2 19980928 WC 1999-US2962 W 19990212

ANSWER 69 OF 124 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1995:630530 CAPLUS

123:53671 DOCUMENT NUMBER:

Antigen presentation of self antigens TITLE: Faterson, Yvonne; Heber-Katz, Ellen
Der. Microbiology, Univ. Pennsylvania, Philadelphia, AUTHOR(S):

CORPORATE SOURCE:

FA, 19104, USA

Molecular Pathology of Autoimmune Diseases (1993), SOURCE:

83-99. Editor(s): Bona, Constantin A.; et al.

Harwood: Char, Switz.

CODEN: 51PBAP

Conference: General Review DOCUMENT TYPE:

English LANGUAGE:

ANSWER 70 OF 124 CAPLUS COFYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:551311 CAPLUS
DOCUMENT NUMBER: 123:7326
TITLE: B- and T-cell epitope analysis in infectious TITLE:

diseases.

T-cell epitopes in herpes simplex virus 1 (HSV-1)

glycoprotein D (gD)

AUTHOR(S): CORPORATE SOURCE:

Heber-Katz, Ellen; Yamashita, Keizo Wistar Institute, Philadelphia, PA, USA Synth. Pept. Search B- T-Cell Epitopes (1994), SOURCE:

164-72.

Editor(s): Rajnavolgyi, Eva. Landes: Austin, Tex.

CODEN: 61ETAO

Conference; General Review English DOCUMENT TYPE:

LANGUAGE:

ANSWER 71 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:551308 CAPLUS

123:7324 DOCUMENT NUMBER:

Synthetic peptides as T-cell epitopes. An alternative TITLE:

view for the topographical orientation of the T-cell

receptor to the MHC-antigen complex

Tang, Yao Y.; Ikegaki, Nachiko; Heber-Katz, AUTHOR(S):

Ellen

COPPORATE SOURCE:

Wistar Institute, Fhiladelphia, PA, USA Synth. Pept. Search B- T-Cell Epitopes (1994), SOURCE:

119-40.

Editor(s): Rajnavolgyi, Eva. Landes: Austin, Tex.

CODEN: 61ETAO

DOCUMENT TYPE: Conference; General Review

English. LANGUAGE:

15 ANSWER 72 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1994:189262 CAFLUS

L'OCUMENT NUMBER: 120:189262

Nuclectide sequences of three new members of the TITLE:

mouse

V.alpha.2 gene family

Tang, M. M.; Ikegaki, N.; Heber-Katz, E. Immunol. Grad. Group, Univ. Pennsylvania, Philadelphia, PA, 19140, USA AUTHOR(S): CORFORATE SOURCE:

Mclecular Immunolog; (1994), 31(1), 79-82 SOUFCE:

CODEN: MOIMD5; ISSN: 0161-5890

Jaurnal ECCUMENT TYPE: English LANGUAGE:

ANSWER 73 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:624042 CAPLUS FOCUMENT NUMBER: 119:224042

The V-region disease hypothesis: New evidence TITLE:

suggests

it is probably wrong. Feply to comments

AUTHOR(S):

Heber-Katz, Ellen; Acha-Orbea, Hans Wistar Inst., Philadelphia, PA, 19104, USA

CORPORATE SOURCE:

Immunclogy Today (1993), 14(8), 380-2

SOURCE:

CODEN: IMTOD8; ISSN: 0167-4919

DOCUMENT TYPE:

LANGUAGE:

Journal English

L5 ANSWER 74 OF 124 CAPLUS COPYFIGHT 2002 ACS

ACCESSION NUMBER: 1993:446807 CAPLUS

DOCUMENT NUMBER:

119:46807

TITLE:

In vivo expression of indusible nitric oxide synthase

in experimentally induced neurologic diseases: [Erratum to document cited in CA118(25):252591e]

AUTHOR(S):

Koprowski, Hilary; Theng, Yong Mu; Heber-Katz, Ellen: Fraser, Nigel; Forke, Lucy; Fu, Zhen Fang;

Hanlon, Cathleen; Dietzschold, Bernhard Cent. Neurovirol., Thomas Jefferson Univ.,

COPPORATE SOURCE:

Philadelphia, PA, 19107, USA

SOURCE:

Proceedings of the National Academy of Sciences of

the

United States of America (1993), 90(11), 5378

CODEN: PNASA6; ISSN: 0027-8424

DOCUMENT TYPE: LANGUAGE:

Journal English

ANSWEF 75 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:210856 CAPLUS DOCUMENT NUMBER:

118:210856

TITLE:

The autoreactive T cell receptor: Structure and

biological activity

AUTHOR(S):

COFPORATE SOURCE:

Wistar Inst., Philadelphia, PA, 19104, USA

SOURCE:

NATO ASI Series, Series A: Life Sciences (1992),

CODEN: NALSDJ; ISSN: 0258-1213
Journal; General Pour

DOCUMENT TYPE:

LANGUAGE:

English

ANSWER 76 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:78751 CAPLUS

DOCUMENT NUMBER: 113:78751

TITLE: Peptides as molecular probes of immune responses

AUTHOR(S): Heber-Katz, Ellen; Ertl, Hildegund C. J.

COPPORATE SOURCE: Wistar Inst., Philadelphia, PA, 19104, USA

Biomedical Applications of Biotechnology (1993),

1(Biol. Act. Pept.), 269-87 CODEN: BAPBER; ISSN: 1068-7408

DOCUMENT TYPE:

Journal; General Review

LANGUAGE:

English

AISWER 77 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1992:424334 CAPLUS
FOCUMENT NUMBEF: 117:24334
TITLE: The autoimmune T-cell receptor in experimental

disease AUTHOF(S):

Heber-Katz, Ellen

AUTHOF(S): Heber-Ratz, Ellen
CORFORATE SOURCE: Wistar Inst., Philadelphia, PA, USA
SOURCE: Immunology Series (1992), 55 (Mol. Immunobiol.

Self-React.), 155-69

CODEN: IMSED7; ISSN: 0092-6019 Journal; General Review

DOCUMENT TYPE:

LANGUAGE:

English

ANSWER 78 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1990:629471 CAPLUS DOCUMENT NUMBER: 113:229471

A transgenic model for tissue specific antigens: TITLE:

tolerance and clonal anergy

Lo, Favid; Burkly, Linda; Markmann, James; AUTHOR(S):

Heber-Katz, Ellen; Naji, Ali; Flavell,

Richard; Palmiter, Fichard; Brinster, Ralph L.

Sch. Vet. Med., Univ. Pennsylvania, Philadelphia, PA, CORPORATE SOURCE:

19104, USA

UCLA Symp. Mol. Cell. Biol., New Ser. (1990), SOURCE:

> 113(Immunogenicity), 187-94 CODEN: USMBD6; ISSN: 0735-9543

DECUMENT TYPE: Journal LANGUAGE: English

L5 ANSWER 79 OF 124 CAPLUS COPYFIGHT 2002 ACS

ACCESSION NUMBER: 1990:550117 CAPLUS

113:150117 DOCUMENT NUMBER:

Synthetic branched polypeptides as carriers for TITLE: low-molecular-weight antigens: correlation between

chemical structure and biological functions

Rajnavolgyi, E.; Hudecz, F.; Mezo, G.; Watari, E.; AUTHOR(S):

Heber-Katz, E.; Gaal, D.; Kurucz, I.;

Szekerke, M.; Gergely, J.

Dep. Immunol., L. Eotvos Univ., God, H-2131, Hung. CORPORATE SOURCE:

Chim. Oggi (1990), 8(4), 21-8 SOURCE: CODEN: CHOGDS; ISSN: 0392-839X

DOCUMENT TYPE: Journal: General Review

English LANGUAGE:

AllSWER 80 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1989:21980 CAPLUS

110:21980 DOCUMENT NUMBER:

Pathways to presentation TITLE:

Heber-Katz, Ellen: Watari, Eiji; AUTHOR(S):

Dietzschold, Bernhard Wistar Inst., Philadelphia, PA, 19103, USA CORPORATE SOURCE:

Process. Presentation Antigens (1988), 133-41. SOURCE:

Editor(s): Pernis, Benvenuto; Silverstein, Samuel C.;

Vogel, Henry J. Academic: San Diego, Calif.

CODEN: 56HSAQ

DOCUMENT TYPE: Conference English LANGUAGE:

ANSWER 81 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1987:483883 CAPLUS

107:33983 DOCUMENT NUMBER:

Vaccine for generating an immunogenic T cell response TITLE:

protective against a virus

IN:VENTOR(S): Heber-Katz, Ellen Wistar Institute, USA PATENT ASSIGNEE(S): Eur. Fat. Appl., 23 pp. SOURCE:

CODEN: EPENDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 203676	A2	19861303	EP 1986-301223	19860220
EP 203676	A3	19830302		
EP 203676	В1	19920129		
R: AT, BE,	CH, DE	, FR, GB, IT,	LI, LU, NL, SE	
AT 72123	E	13920215	AT 1986-301223	19860220

CA 1265054 AI 19900130 CA 1985-506804 19860416 EP 290246 A2 19381109 EP 290246 A3 19300131 A2 19381109 EP 1938-304045 13880505 R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE US 5837249 A 19981117 US 1993-139609 19931020 US 1385-725087 19850419
EP 1986-301223 19860220
US 1987-47443 19870508
US 1391-635459 19910412
US 1392-868946 19920415 PRIORITY APPLN. INFO.: L5 ANSWER 82 OF 124 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 1985:22683 CAPLUS DOCUMENT NUMBER: 102:21683 TITLE: Characterization of the murine TH response to influenza virus hemagglutinin: evidence for three major specificities AUTHOR(S): Hurwitz, Julia L.; Heber-Katz, Ellen; Hackett, Charles J.; Gerhard, Walter CORPORATE SCURCE: Wistar Inst. Anat. Biol., Philadelphia, PA, 19104, USA SOURCE: J. Immunol. (1984), 133(6), 3371-7 CODEN: JOIMA3; ISSN: 0022-1767 DOCUMENT TYPE: Journal LANGUAGE: English. L5 AUSWER 83 OF 124 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 1984:83838 CAPLUS DOCUMENT NUMBER: 100:83838 TITLE: The Ia molecule contributes to the specificity of T dell activation AUTHOR(S): Schwartz, R. H.; Heber-Katz, E.; Hansburg, CORPORATE SOURCE: Lab. Immunol., Natl. Inst. Allergy Infect. Dis., Bethesda, MD, 20205, USA Intercell. Commun. Leucocyte Funct., Proc. Int. SOURCE: Leucocyte Cult. Conf., 15th (1983), Meeting Date 1982, 117-25. Editor(s): Parker, John W.; O'Brien, Richard L. Wiley: Chichester, UK. CODEN: 50UFAC DOCUMENT TYPE: Conference LANGUAGE: English ANSWER 84 OF 124 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 1983:556640 CAPLUS DOCUMENT NUMBER: 99:156640 TITLE:

The effect of antigen and Ia molecule interaction on immune response gene control

AUTHOR(S):

Heber-Katz, Ellen; Schwartz, Ronald H.

CORPORATE SOURCE:

Lab. Immunol., NIH, Bethesda, MD, 20205, USA SOURCE: Ir Genes, [Ir Gene Workshop], 5th (1983), Meeting Date 1982, 295-304. Editor(s): Pierce, Carl W. Humana: Clifton, N. J. CODEN: 50HZA7 DOCUMENT TYPE: Conference LANGUAGE: English ANSWER 85 OF 124 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 1982:560753 CAPLUS DOCUMENT NUMBER: 97:160753 TITLE: I region-restricted antigen presentation by B cell-B lymphoma hybridomas AUTHOR(S): Glimcher, L. H.; Hamano, T.; Asofsky, R.;

Heber-Katz, E.; Hedrick, S.; Schwartz, R. H.;

Lab. Immunol., Natl. Inst. Allergy Infect. Dis., CORPORATE SOURCE:

Eethesda, MD, 20205, USA

SOURCE: Nature (London) (1982), 298(5871), 283-4

raul, w. E.

CODEN: NATUAS; ISSN: 0028-0836

Journal DOCUMENT TYPE: LANGUAGE: English

ANSWER 86 OF 124 LIFESCI CCPYRIGHT 2002 CSA

ACCESSION NUMBER: 88:74709 LIFESCI

TITLE: The autoreactive T cell population in experimental

allergic

encephalcmyelitis: T cell receptor beta -chain

rearrangements.

AUTHOR: Happ, M.F.; Kiraly, A.S.; Offner, H.; Vandenbark, A.;

Heber-Katz, E.

Wistar Inst., 36th St. at Spruce, Philadelphia, PA 19104, CCFPORATE SOURCE:

SOURCE: J. NEUROIMMUNOL., (1988) vol. 19, no. 8, pp. 191-204.

DOCUMENT TYPE: Journal FILE SEGMENT: F; N3 LANGUAGE: English SUMMARY LANGUAGE: English

ANSWER 87 OF 124 LIFESCI COPYRIGHT 2002 CSA

ACCESSION NUMBER: 88:25848 LIFESCI

TITLE: Overlapping T cell antigenic sites on a synthetic peptide

fragment from herpes simplex virus glycoprotein D, the degenerate MHC restriction elicited, and functional

evidence for antigen-Ia interaction.

AUTHOR: Heber-Katz, E.; Valentine, S.; Dietzschold, B.;

Burns-Furzycki, C.

CORPORATE SOURCE: Wistar Inst. Anat. and Biol., Philadelphia, PA 19104, USA

J. EXF. MED., (1938) vol. 167, no. 2, pp. 275-287. SOURCE:

DOCUMENT TYPE: Journal FILE SEGMENT: F; V LANGUAGE: English SUMMARY LANGUAGE: English

ANSWEP 88 OF 124 LIFESCI COFYRIGHT 2002 CSA

ACCESSION NUMBER: 88:6025 LIFESCI

TITLE: Differences in the repertoire of the Lewis rat T cell response to self and non-self myelin basic proteins.

AUTHOR: Happ, M.P.; Heber-Katz, E.

CORPORATE SOURCE: Wistar Inst., Philadelphia, PA 19104, USA

SOURCE:

J. EXP. MED., (1988) vol. 187, no. 2, pp. 502-513.

DOCUMENT TYPE: Journal

FILE SEGMENT:

F LANGUAGE: English

SUMMARY LANGUAGE: English

L5ANSWER 89 OF 124 LIFESCI COPYRIGHT 2002 CSA

ACCESSION NUMBER: 82:84090 LIFESCI

TITLE: The effect of antigen presentation on the fine specificity

of anti-cytochrome c T cell hybridomas.

T CELL HYBRIDOMAS. A WORKSHOP AT THE BASEL INSTITUTE FOR

IMMUNOLOGY.

AUTHOR: Heber-Katz, E.; Hansburg, D.; Schwartz, R.H.; von

Boehmer, H. [editor]; Haas, W. [editor]; Koehler, G. [editor]; Melchers, F. [editor]; Zeuthen, J. [editor];

Buser-Boyd, S. [editor]

Natl. Inst. Allergy and Infect. Dis., Natl. Inst. Health, COMPORATE SOURCE:

Build. 10, Rm. 11114, Bethesda, MD 20205, USA

CURR. TOP. MICROBIOL. IMMUNOL., (1982) pp. 117-124. SOURCE:

Meeting Info.: Workshop on T Cell Hybridomas: Sources of

Specific Mediators in the Immune System. Basel

(Switzerland). 27-29 Jan 1982.

ISBN: 3-540-11535-8.

DOCUMENT TYPE: Baak

TREATMENT CODE: Conference

FILE SEGMENT:

LANGUAGE: English

ANSWER 90 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 93026236 EMBAJE DOCUMENT NUMBER: 1993226236

TITLE: The V region disease hypothesis: New evidence suggests it

is probably wrong.

AUTHOR: Wilson D.B.; Steinman L.; Gold D.P.; Heber-Katz E.

: Acha-Orbea H.

CORPORATE SOURCE: San Elego Regional Cancer Centr, 3099 Science Park

Poad, San

Diego, CA 32121, United States

Immunology Today, (1993) 14/8 (376-382). ISSN: 0167-5699 CODEN: IMTOD8 SCURCE:

COUNTRY: United Kingdom

DOCUMENT TYPE: Journal: (Short Survey)

005 General Pathology and Pathological Anatomy FILE SEGMENT:

008 Neurology and Neurosurgery
022 Human Genetics
026 Immunology, Serology and Transplantation

LANGUAGE: English SUMMARY LANGUAGE: English

1.5 ANSWER 91 OF 124 EMBASE COPYRIGHT 3002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 93188749 EMBASE

DOCUMENT NUMBER: 1993188749

TITLE: Shared T-cell receptor gene usage in experimental allergic

neuritis and encephalomyelitis [1].

AUTHOR: Jung S.; Hartung H.-P.; Toyka K.V.; Heber-Katz E. CORPORATE SOURCE: Multiple Sclerosis Research Group, Department of

Neurology,

Julius-Maximilians University, Wurzburg, Germany

SOURCE: Annals of Neurology, (1993) 34/1 (113-114).

ISSN: 0364-5134 CODEN: ANNED3

COUNTRY: United States FOCUMENT TYPE: Journal: Letter

FILE SEGMENT:

008 Neurology and Neurosurgery 006 Immunology, Serology and Transplantation 009 Clinical Biochemistry

LANGUAGE: English

L5 ANSWER 92 OF 124 EMBASE COFFFIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 93183057 EMBASE

FOCUMENT NUMBER: 1993183057

TITLE: Erratum: In vivo expression of inducible nitric oxide

synthase in experimentally induced neurologic diseases (Proceedings of the National Academy of Sciences of the

United States of America (April 1, 1993) 90 (3024-

3027)).

AUTHOF: Kcprowski H.; Yong Mu Theng; Heber-Katz E.;

Fraser N.; Rorke L.; Then Fang Fu; Hanlon C.; Dietzschold

В.

SOUPCE: Proceedings of the National Academy of Sciences of the

United States of America, (1993) 90/11 (5378).

ISSN: 0027-8424 CODEN: PNASA6

COUNTRY: United States

COUNTRY:

IOCUMENT TYPE: Journal; Errata

FILE SEGMENT: 008 Neurology and Neurosurgery

English

L5 ANSWEF 93 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V. ACCESSION NUMBER: 92231358 EMBASE

DOCUMENT NUMBER: 1992231358

Observations, legends, and conjectures concerning TITLE:

restricted T-cell receptor usage and autoimmune disease.

AUTHOR: Esch T.; Clark L.; Zhang X.-M.; Goldman S.; Heber-Katz

CORPOFATE SOURCE: Wistar Institute, 3601 Spruce Street, Philadelphia, PA

19104, United States

SOURCE: Critical Reviews in Immunology, (1991) 11/5 (249-264).

ISSN: 1040-8401 CODEN: CCRIDE

COUNTRY: United States

DOCUMENT TYPE: Journal; General Review

FILE SEGMENT: 005 General Pathology and Pathological Anatomy

026 Immunology, Serology and Transplantation

030 Pharmacology

037 Drug Literature Index

LANGUAGE: English SUMMARY LANGUAGE: English

ANSWER 94 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 91031747 EMBASE

DOCUMENT NUMBER: 1991031747

TITLE: Conserved T cell receptor V gene usage by uveitogenic T

cells.

AUTHOR: Gregerson D.S.; Fling S.P.; Merryman C.F.; Zhang X.; Li

Heber-Katz E.

CORPORATE SOURCE: Department of Ophthalmology, University of

Minnesota, Minneapolis, MN 55455, United States

SOURCE: Clinical Immunclogy and Immunopathology, (1990) 58/1

(154-161).

ISSN: 0090-1229 CODEN: CLIIAT

COUNTRY: United States L'OCUMENT TYPE: Journal; Article

FILE SEGMENT: 005 General Pathology and Pathological Anatomy

012 Ophthalmology 022 Human Genetics 025 Hematology

026 Immunology, Serology and Transplantation

LANGUAGE: English SUMMARY LANGUAGE: English

ANSWER 95 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 77040204 EMBASE

DOCUMENT NUMBER: 1977040204

TITLE:

Sheep red blood cell specific helper activity in rat thoracic duct lymphocyte populations positively selected

for reactivity to specific strong histocompatibility

alloantigens.

AUTHOR: Heber Katz E.; Wilson D.B.

CCRPORATE SOURCE: Immunobiol. Res. Unit, Dept. Pathol., Univ. Pennsylvania

Sch. Med., Philadelphia, Pa. 19174, United States

Journal of Experimental Medicine, (1976) 143/3 (701-706). SOURCE:

COLEN: JEMEAV

L'OCUMENT TYPE: Journal LANGUAGE: English

MISWER 96 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 76148576 EMBASE

DOCUMENT NUMBER: 1976148576

TITLE: Collaboration of allogeneic T and B lymphocytes in the

primary antibody response to sheep erythrocytes in vitro.

AUTHOR: Heber Katz E.; Wilson D.B.

CORPORATE SOURCE: Immunobiol. Res. Unit, Dept. Pathol., Univ. Pennsylvania

Sch. Med., Philadelphia, Pa. 19174, United States

SOURCE: Journal of Experimental Medicine, (1975) 142/4 (928-935). CODEN: JEMEAV

DOCUMENT TYPE: Journal

1026 Immunology, Serology and Transplantation FILE SEGMENT:

Hematology 025

LANGUAGE: English

L5 ANSWER 97 OF 124 USPATFULL

ACCESSION NUMBER: 1998:143659 USPATFULL

Method for generating an immunogenic T cell response TITLE:

protective against a virus

Heber-Katz, Ellen, Philadelphia, PA, United INVENTOR S::

States

Dietzschold, Bernhard, Newtown Square, PA, United

States

The Wistar Institute, Philadelphia, PA, United States PATENT ASSIGNEE(S):

-U.S. corporation)

NUMBER KIND DATE \_\_\_\_\_

PATENT INFORMATION: US 5837.349 19981117 APPLICATION: INFO.: US 1993-139609 19931020 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1992-868946, filed on 15

Apr 1992, now abandoned which is a

continuation-in-part

of Ser. No. US 1991-635459, filed on 12 Apr 1991, now abandoned which is a continuation of Ser. No. US 1937-47443, filed on 8 May 1987, now abandoned which

İs

a continuation-in-part of Ser. No. US 1985-725087,

filed on 19 Apr 1985, now abandoned

DOCUMENT TYPE: Thiling Granted FILE SEGMENT:

PRIMARY EXAMINER: Granted Woodward, Michael P. LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd. NUMBER OF CLAIMS: 21

NUMBER OF CLAIMS: EKEMPLARY CLAIM:

NUMBER OF DRAWINGS: 9 Drawing Figure(s); 6 Drawing Page(s)

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS FATENT.

ANSWER 98 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 2001:44505 BIOSIS DOCUMENT NUMBER: PREV200100044505

Tidell differentiation in complementary models of murine TITLE:

emperimental autoimmune meningitis.

AUTHOR(S): Perrin, Peter J. (1); Phillips, S. Michael (1); Beswick,

Richard L. (1); Rumbley, Catherine A. (1); Clark, Lise;

Otvoz, Laszlo, Jr.; Heber-Katz, Ellen

CORPOFATE SOURCE: (1) University of Pennsylvania Medical School,

Philadelphia, PA USA

FASEB Journal, (April 20, 2000) Vol. 14, No. 6, pp. A997. SOURCE:

print.

Meeting Info.: Joint Annual Meeting of the American Association of Immunologists and the Clinical Immunology

Society Seattle, Washington, USA May 12-16, 2000

ISSN: 0892-6636.

DOCUMENT TYPE: Conference LANGUAGE: English SUMMARY LANGUAGE: English

L5 ANSWER 99 OF 124 BIOSIS COPYFIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1998:528946 BIOSIS

DOCUMENT NUMBER: PREV199800528946
TITLE: Tolerance induction in EAE with acylated peptides. St Louis, J. (1); Zhang, X.-M.; Heber-Katz, E.; AUTHOR(S):

Singh, B. (1); Strejan, G. H. (1)

COPPORATE SOURCE: (1) Univ. Western Ont., London, ON Canada

SOURCE:

1,

Journal of Neuroimmunology, (Sept. 1, 1998) Vol. 90, No.

Meeting Info.: Fifth International Congress of the International Society of Meuroimmunology Montreal, Canada

August 23-27, 1998 International Society of

Neuroimmunology

. ISSN: 0165-5728.

DOCUMENT TYPE: donference English LANGUAGE:

ANSWER 100 OF 124 BIOSIS COPYRIGHT 200. BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1995:518964 BIOSIS LOCUMENT NUMBER: PREV199598533264

The relationship between human multiple sclerosis and TITLE:

rodent experimental allergic encephalomyelitis.

AUTHOR(S): Heber-Katz, Ellen

COPPOPATE SOURCE: Wistar Inst., 3601 Spruce St., Philadelphia, PA 19104 USA SOURCE: Davis, M. M. [Editor]; Bumbaum, J. [Editor]. Annals of the

New York Academy of Sciences, (1995) Vol. 756, pp.

283-293.

Annals of the New York Academy of Sciences; T-cell

receptor

use in human autoimmune diseases.

Publisher: New York Academy of Sciences 2 East 63rd

Street,

New York, New York 10021, USA.

Meeting Info.: Conference San Diego, California, USA April

17-20, 1994

ISSN: 0077-8923. ISBN: 0-89766-916-9 (paper),

0-89766-915-0

(cloth).

DOCUMENT TYPE: Book; Conference

LANGUAGE: English

ANSWER 101 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. 1.5

ACCESSION NUMBER: 1994:459413 BIOSIS DOCUMENT NUMBER: PREV199497472413

Is experimental allergic encephalomyelitis: A model of TITLE:

multiple sclerosis.

AUTHOR(S): Heber-Katz, Ellen

Wistar Inst., 3601 Spruce Street, Philadelphia, PA 19104 COFFORATE SOURCE:

USA

Coutinho, A. [Editor]; Kazatchkine, M. D. [Editor]. (1994) SOURCE:

pp. 353-364. Autoimmunity: Physiology and disease. Publisher: Wiley-Liss, Inc. 605 Third Avenue, New York,

liew

York 10158-0012, USA. ISBN: 0-471-59227-7.

DOCUMENT TYPE: Book LANGUAGE: English

ANSWER 102 OF 124 BIOSIS COPYRIGHT 3002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1993:334535 BIOSIS LOCUMENT NUMBER: PREV199345029260

TITLE: Oral tolerance in experimental autoimmune

encerhalomyelitis

(EAE): T cell anergy.

AUTHOF(S): Whitacre, Caroline (1); Glenapp, Ingrid; Cox, Karen;

Jewell, Scott; Javed, Najima; Goldman, Shari;

Heber-Katz, Ellen

COPPORATE SOURCE: (1) Ohio State University, Columbus, OH 43210 USA

SOUF.CE: Journal of Immunology, (1993) Vol. 150, No. 8 PART 2, pp.

245A.

Meeting Info.: Joint Meeting of the American Association

c·f

Immunologists and the Clinical Immunology Society Denver,

Colorado, USA May 21-25, 1993

ISSN: 0022-1767.

Conference DOCUMENT TYPE: English LANGUAGE:

L5 ANSWER 103 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1491:335695 BIOSIS

BR41:32245 DOCUMENT NUMBER:

INHIBITION OF EAE INDUCTION BY NONENCEPHALITOGENIC TITLE:

CD4-NEGATIVE CD8-NEGATIVE V-ALPHA-2V-BETA-8.2-PLUS

ANTI-MYELIN BASIC PROTEIN PAT T CELL CLONE.

LIDER O; EPPERSON D; ZHANG X; HEBER-KATZ E; AUTHOR(S):

WEINER H L; MILLER A

CORPORATE SOURCE: PEHOVOT, ISPAEL.

43RD ANNUAL MEETING OF THE AMERICAN ACADEMY OF NEUROLOGY, SOURCE: EOSTON, MASSACHUSETTS, USA, APRIL 20-27, 1991. NEUROLOGY,

(1991) 41 (3 SUPPL 1), 317.

CODEN: NEURAI. ISSN: 0028-3878.

Conference DOCUMENT TYPE: DOCUMENT TYPE:
FILE SEGMENT: BR; OLD English LANGUAGE:

ANSWER 104 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1991:332129 BIOSIS

DOCUMENT NUMBER: BR41:28679

NEUROANTIGEN-SPECIFIC IMMUNE TOLERANCE IN EXPERIMENTAL TITLE:

AUTOIMMUNE NEURITIS.

GREGORIAL S K; HEBER-KATZ E; ROSTAMI A AUTHOR(S):

CORPORATE SOURCE: IEP. NEUFOL., IMMUNDL. GRADUATE GROUP, UNIV. PENNSYLVANIA,

SCH. MED., PHILADELPHIA, PA. 19104.

75TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOURCE:

SOCIETIES

FOR EMPERIMENTAL BIOLOGY, ATLANTA, GEORGIA, USA, APRIL 21-25, 1991. FASEB (FED AM SOC EXP BIOL) J, (1991) 5 (6),

A1777.

COLEN: FAJOEC. ISSN: 0892-6638.

LOCUMENT TYPE: Conference FILE SEGMENT: BR; CLD English LANGUAGE:

ANSWER 105 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1991:196241 BIOSIS

L'OCUMENT NUMBER: BR40:93521

FURTHER STUDIES ON THE V-REGION DISEASE HYPOTHESIS. TITLE:

HEBER-KATZ E AUTHOR(S):

COPPORATE SOURCE: WISTAR INST., PHILADELPHIA, PA. 19104.

SYMPOSIUM ON SELF REACTIVITY AND ITS REGULATION HELD AT SOURCE:

THE

20TH ANNUAL MEETING OF THE KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY, KEYSTONE, COLORADO, USA, JANUARY 17-24, 1991. J CELL BIOCHEM SUPPL, (1991) 0 (15 PART A),

COLEN: JCBSD7.

Conference DOCUMENT TYPE: BF; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 106 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1990:436981 BIOSIS

BP39:84842 DOCUMENT NUMBER:

A NEW HIERARCHY OF TCR SPECIFICITY AUTOIMMUNE DISEASES ARE TITLE:

DEFINED BY PARTICULAR V-ALPHA-V-BETA COMBINATIONS AND NOT

BY ANTIGEN SPECIFICITY.

HEBER-KATZ E AUTHOR(S):

CORPORATE SOURCE: WISTAF INST. ANAT. AND BIOL., PHILADELPHIA, PA. 19104.

COLD SPRING HARBOR LABORATORY. COLD SPRING HARBOR SYMPOSIA SOURCE:

ON QUARTITATIVE BIOLOGY, VOL. 54. NOS. 1 AND 2.

IMMUNOLOGICAL RECOGNITION. XIX+603P.(NO. 1); XI+PAGINATION VARIES(NO. 2) COLD SPRING HAPBOF LABORATORY PRESS: COLD SPFING HARBOR, NEW YORK, USA. ILLUS, (1989 (1990)) 0 (0),

875-878.

CODEN: CSHSAZ. ISSN: 0091-7451. ISBN: 0-87969-057-7

(CLOTH), 0-87969-058-5 (PAPER).

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 107 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

1990:324911 BIOSIS ACCESSION NUMBER:

BR39:32247 DOCUMENT NUMBER:

ORAL TOLEFANCE IN EMPERIMENTAL AUTOIMMUNE TITLE:

ENCEPHALOMYELITIS

EAE A SEAPCH FOR THE MBP-SPECIFIC T CELL RECEPTOR.

WHITACPE C C; GIENAPP I E; THANG X; HEBER-KATZ E AUTHOR(S):

THE OHIO STATE UNIV. COLL. MED., COLUMBUS, OHIO 43210, CORPORATE SOURCE:

USA. SOURCE:

JOINT MEETING OF THE AMERICAN SOCIETY FOR BIOCHEMISTRY AND

MOLECULAR BIOLOGY AND THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS, NEW ORLEANS, LOUISIANA, USA, JUNE 4-7,

1990.

FASEB (FED AM SGC EXP BIOL) J, (1990) 4 (7), A1856.

CODEN: FAJOEC. ISSN: 0892-6638.

DOCUMENT TYPE: Conference BR: OLD FILE SEGMENT: English LANGUAGE:

ANSWER 108 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1939:234621 BIOSIS

BR36:113105 DOCUMENT NUMBER:

AG FRESENTATION BY TRANSGENIC IE-POSITIVE BETA CELLS. TITLE: MARKMANN J F; LO D; NAJI A; PALMITTER R; BRINSTER R; AUTHOR(S):

HEBER-KATZ E

UNIV. PENNSYLVANIA, PHILADELPHIA, PA. 19104. CORPORATE SOURCE:

SOURCE: SOCIETIES 73RD ANNUAL MEETING OF THE FEDERATION OF AMERICAN

FOR EMPERIMENTAL BIOLOGY, NEW ORLEANS, LOUISIANA, USA, MARCH 19-23, 1989. FASEB (FEL AM SOC EXP BIOL) J, (1989) 3

(3), A301.

CODEN: FAJOEC. ISSN: 0892-6638.

DOCUMENT TYPE: Conference BP; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 109 OF 124 BICSIS COPYRIGHT 2002 BICLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1389:83718 BIOSIS

DOCUMENT NUMBER: BR36:39809

PATHWAYS TO PRESENTATION. TITLE: HEBER-KATZ E; WATAPI E; DIETZSCHOLD B

AUTHOR(S): CORPORATE SOURCE: WISTAR INST., PHILADELPHIA, PA. 19103.

PERNIS, B., S. C. SILVERSTEIN AND H. J. VOGEL (ED.). SOURCE: PROCESSING AND PRESENTATION OF ANTIGENS; P AND S

BIOMEDICAL

SCIENCES SYMPOSIUM, NEW YORK, NEW YORK, USA, MAY 30-JUNE

1,

1986. MIV+324P. ACADEMIC PRESS, INC.: SAN DIEGO,

CALIFORNIA, USA: LONDON, ENGLAND, UK. ILLUS, (1988) 0 (0),

133-142.

ISBN: 0-12-551855-2.

BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 110 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1988:103400 BIGSIS DCCUMENT NUMBER: BP34:49742

DECUMENT NUMBER: BP34:49742
THE LEW PAT T CELL RESPONSE PEPEPTOIFE TO AN AUTOANTIGEN
THE LEW PAT T CELL RESPONSE PEPEPTOR ANTIBODY.

AND ITS REGULATION BY ANTI-T CELL RECEPTOR ANTIBODY.

HEBER-KATZ E; OWHASHI M; HAPP M P AUTHOR(S):

CORPORATE SOURCE: WISTAR INST., 3601 SPRUCE ST., PHILADELPHIA, PA. 19104,

USA.

SECOND INTERNATIONAL CONGRESS OF NEUROIMMUNOLOGY, SOURCE:

PHILADELPHIA, PENNSYLVANIA, USA, SEPTEMBER 8-11, 1987. J

NEUROIMMUNOL, (1987) 16 (1), 75. CODEN: JURIEW. ISSN: 0165-5728.

Conference DOCUMENT TYPE: BF; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 111 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1987:411814 BIOSIS

DOCUMENT NUMBER: BP33:81492

A NEW PATHWAY TO ANTIGEN PRESENTATION. AUTHOR(S): HEBER-KATZ E; WATARI E; DIETZSCHOLD B
CORPORATE SOURCE: WISTAR INST., PHILADELPHIA, PA. 19104. TITLE:

SOURCE:

SYMPOSIUM ON THE T CELL RECEPTOR HELD AT THE 16TH ANNUAL MEETING OF THE UCLA (UNIVERSITY OF CALIFORNIA-LOS ANGELES) SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY, LOS ANGELES, CALIFORNIA, USA, APRIL 26-MAY 1, 1987. J CELL BIOCHEM

SUPPL, (1987) 0 (11 PART D), 238.

CODEN: JCBSD7.

DOCUMENT TYPE: Conference BR: OLD FILE SEGMENT: English LANGUAGE:

ANSWER 112 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1987:411719 BIOSIS

LOCUMENT NUMBER: BR33:81397

THE T CELL RESPONSE IN EMPERIMENTAL ALLERGIC TITLE:

ENCEPHALOMYELITIS CLONALITY AT THE LEVEL OF ANTIGEN SPECIFICITY AND T CELL PECEPTOR GENE REARRANGEMENTS.

HAPP M P; KIFALY A S; OFFMER H; VANDENBARK A; AUTHOF(S):

HEBER-KATZ E

CORPOPATE SOURCE: WISTAR INST., PHILADELPHIA, PA. 19104.

SOURCE:

SYMPOSIUM ON THE T CELL RECEPTOR HELD AT THE 16TH ANNUAL MEETING OF THE UCLA (UNIVERSITY OF CALIFORNIA-LOS ANGELES) SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY, LOS ANGELES, CALIFORNIA, USA, APRIL 26-MAY 1, 1987. J CELL BIOCHEM

SUPPL, (1987) 0 (11 PART D), 256.

CODEN: JCBSD7.

DOCUMENT TYPE: Conference BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 113 OF 124 BIOSIS COPYPIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1987:75678 BIOSIS

BR32:35871 DOCUMENT NUMBER:

SPECIFIC LONG-TERM PROTECTION FROM A LETHAL HERPES SIMPLEX TITLE:

VIRUS INFECTION IN THE ABSENCE OF A DETECTABLE ANTIBODY

RESPONSE.

HEBER-KATZ E; WATARI E; DIETZSCHOLD B AUTHOR(S):

CORFORATE SOURCE: WISTAR INST., PHILADELPHIA, FA. 19104.

BROWN, F., R. M. CHANCCK AND F. A. LERNER (ED.). NEW SOURCE:

APPROACHES TO IMMUNIZATION: DEVELOPING VACCINES AGAINST PARASITIC, BACTEPIAL, AND VIRAL DISEASES; CONFERENCE ON VACCINES 86, COLD SPRING HARBOR, N.Y., USA. XXI+418P. COLD SPRING HAPBOP LABORATORY: COLD SPRING HARBOR, N.Y., USA.

ILLUS. PAPER, (1986) 0 (0), 65-70.

ISBN: 0-87969-190-5.

BP; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 114 OF 124 BIOSIS COFYPIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1986:230859 BIOSIS

DOCUMENT NUMBER: BR30:113355

PESISTANCE TO EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS TITLE:

REGULATION BY NON-MAJOR HISTOCOMPATIBILITY COMPLEX GENES.

HAPP M P; WETTSTEIN P; HEBER-KATZ E AUTHOR(S):

CORFORATE SOURCE: WISTAP INSTITUTE, PHILADELPHIA, PA. 19104.

SYMPOSIUM ON IMMUNE PEGULATION BY CHARACTERIZED POLYPEPTIDES HELD AT THE 15TH ANNUAL UCLA (UNIVERSITY OF

CALIFORNIA-LOS ALGELES) MEETING ON MOLECULAR AND CELLULAR BIOLOGY, LOS ANGELES, CALIF., USA, JAN. 25-FEB. 1, 1986. J

CELL BIOCHEM SUPPL, (1986) 0 (10 PART A), 98.

CODEN: JCBSD7.

Conference DOCUMENT TYPE: BF; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 115 OF 124 BIOSIS COFYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1986:66338 BIOSIS

DOCUMENT NUMBER: BR30:66338

THE MURINE T CELL RESPONSE TO THE GLYCOPROTEIN D OF HERPES TITLE:

SIMPLEX VIRUS.

HEBER-KATZ E; HOLLOSI M; DIETSCHOLD B; HEDECZ F; AUTHOR (S):

FASMAN G

WISTAF INST., PHILADELPHIA, PA. 19104. CORPORATE SOURCE:

LAVEF, W. G. AME G. M. AIF (ED.). CURRENT COMMUNICATIONS SCUPCE:

11:

MOLECULAR BIOLOGY: IMMUNE RECOGNITION OF PROTEIN ANTIGENS; MEETING, COLD SPRING HARBOR, N.Y., USA, MAR. 1985. X+197P. COLD SFRING HARBOR LABORATORY: COLD SPRING HARBOR, N.Y.,

USA. ILLUS. PAPER, (1985) 0 (0), 134-138.

ISBN: 0-87969-185-9.

BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 116 OF 124 BIOSIS COFTRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1986:25225 BLOSIS

BR30:25225 DOCUMENT NUMBER:

STRUCTURE-FUNCTION FELATIONSHIP IN IMMUNOGENIC SYNTHETIC TITLE:

HERPES SIMPLEM VIRUS PEPTIDES.

DIETZSCHOLD B: HEBER-KATZ E; HUDECZ F; HOLLOSI M; AUTHOR(S):

FASMAN G; EISENBERG P J; COHEN G H

CORPORATE SOURCE: WISTAR INST. ANAT. AND BIOL., PHILADELPHIA, PA. 19104.

SOURCE:

LERNER, R. A., P. M. CHANOCK AND F. BROWN (ED.). VACCINES 85: MOLECULAR AND CHEMICAL BASIS OF RESISTANCE TO FARASITIC, BACTERIAL, AND VIRAL DISEASES; MEETING, 1983. MXI+407P. COLD SPRING HARBOR LABORATORY: COLD SPRING HARBOR, N.Y., USA. ILLUS. PAPER, (1985) 0 (0), 227-234.

ISBN: 0-87969-191-6.

BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 117 OF 124 BIOSIS COFTRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1985:87455 BIOSIS

BF28:87455 DOCUMENT NUMBER:

CONFORMATION OF SYNTHETIC PEPTIDES OF HERPES SIMPLEX VIRUS TITLE:

GLYCOPPOTEIN I-GD.

HOLLOSI M; DIETZSCHOLD B; HEBER-KATZ E; HUDECZ F; AUTHOR(S):

VAFFICHIO A; FASMAN G D

CORPORATE SOURCE: GRADUATE DEFARTMENT OF BIOCHEMISTRY, BRANDEIS UNIVERISTY,

WALTHAM, MA.

188TH AMERICAN CHEMICAL SOCIETY MEETING, PHILADELPHIA, SOURCE:

PA.,

USA, AUG. 26-31, 1984. ABSTR PAP AM CHEM SOC, (1984) 188

(0), NO PAGINATION.

CODEN: ACSRAL. ISSN: 0065-7727.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 118 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1984:127846 BIOSIS

DOCUMENT NUMBER: BR27:44338

GENETIC CONTROL OF THE T CELL RESPONSE TO PEPTIDES OF THE TITLE:

GLYCO PROTEIN D-GD OF HERPES SIMPLEX VIRUS.

HEBER-KATZ E; DIETZSCHOLD B AUTHOR(S):

CORPORATE SOURCE: WISTAR INST., PHILADELPHIA, FA. 19104.

SOURCE:

SYMPOSIUM ON PEGULATION OF THE IMMUNE SYSTEM HELD AT THE 13TH AMMUAL UCLA (UNIVERSITY OF CALIFORNIA - LOS AMGELES) SYMFOSIA, LOS ANGELES, CALIF., USA, MAR. 18-25, 1984. J

CELL BIOCHEM, (1984) 0 (8 PAFT A), 103.

CODEN: JCBSD7.

Conference DOCUMENT TYPE: BF; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 119 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1982:95660 BIOSIS

BP23:25652 DOCUMENT NUMBER:

PROOF OF ANTIGEN IA INTERACTION SHOWN BY THE SPECIFICITY TITLE:

ΟF

ANTIGEN INDUCED ACTIVATION OF T CELL HYBRIDOMAS.

HEBER-KATZ E; HANSBURG D; SCHWARTZ R H AUTHOR(S):

CORFORATE SOURCE: NIH, BETHESDA, MD., 20014.

66TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOURCE:

SOCIETIES

FOR EMPERIMENTAL BIOLOGY, NEW ORLEANS, LA., USA, APRIL 15-23, 1982. FED PROC, (1982) 41 (3), ABSTRACT 1216.

CODEN: FEPRA7. ISSN: C014-9446.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 120 OF 124 BIOSIS COPYPIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1982:84816 BIOSIS

BR23:14808 DOCUMENT NUMBER:

I PEGION PESTRICTED ANTIGEN PRESENTATION BY B CELL B TITLE:

LYMPHOMA CELL HYBRIDOMAS.

GLIMCHER L; HAMANO T; ASOFSKY R; HEBER-KATZ E; AUTHOR(S):

HEDRICK S; GREEN I; PAUL W E

CORPORATE SOURCE: NIH, BETHESDA, MD. 20205.

66TH AMNUAL MEETING OF THE FEDERATION OF AMERICAN SOURCE:

SOCIETIES

FOR EXPERIMENTAL BIOLOGY, NEW ORLEANS, LA., USA, APRIL 15-23, 1982. FED PROC, (1982) 41 (3), ABSTRACT 2636.

CODEN: FEPRA7. ISSN: 0014-9446.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 121 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1981:90800 BIOSIS

BR21:25796 DOCUMENT NUMBER:

IDIOTYPE ANTI IDIOTYPE PATHWAYS AND THE REGULATION OF TITLE:

IMMUNE FESPONSES.

PAUL W E; HEBER-KATZ E; BONA C AUTHOR(S):

CORPORATE SOURCE: NIH, BETHESDA, MD. 20205.
SOURCE: 65TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN

SOCIETIES

FOR EXPERIMENTAL BIOLOGY, ATLANTA, GA., USA, APRIL 12-17,

1931. FEL PROC, (1931) 40 (3 FART 2), 1008.

CCDEN: FEPRA7. ISSN: 0014-9446.

Conference DOCUMENT TYPE: BF; OLD FILE SEGMENT: English LANGUAGE:

L5 ANSWER 122 OF 124 BIGSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. ACCESSION NUMBER: 1978:70733 BIGSIS

BP15:14233 DOCUMENT NUMBER:

CONSIDERATIONS OF THE NATURE AND SPECIFICITY OF THYMUS TITLE:

DERIVED CELL TRIGGERING AND OF CELL-CELL INTERACTIONS IN

THE IMMUNE RESPONSE.

WILSON D B; HEBER-KATZ E; MARSHAK A; LINDAHL K F AUTHOR(S):

COOFER, MAX D. AND DELBERT H. DAYTON (ED.). MONOGRAPH OF SOURCE:

THE NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN

DEVELOPMENT. DEVELOPMENT OF HOST DEFENSES. CONFERENCE, MAY 1976. MIV+306P. ILLUS. RAVEN FPESS: NEW YORK, N.Y., USA,

(1977) 133-140.

ISBN: 0-89004-117-2.

BP; OLD FILE SEGMENT: Unavailable LANGUAGE:

ANSWER 123 OF 124 BIOSIS COFYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1978:888 BIOSIS

BR14:888 DOCUMENT NUMBER:

C!! THE POSSIBILITY OF MULTIPLE THYMUS DERIVED CELL TITLE:

RECEPTORS.

WILSON E B; HEBER-KATZ E; SPRENT J; HOWARD J C AJTHOF:(S):

COLD SPRING HAREOR LAB. COLD SPRING HARBOR SYMPOSIA ON SOURCE:

QUANTITATIVE BIOLOGY, VOL. 41, PARTS 1 AND 2. ORIGINS OF LYMPHOCYTE DIVERSITY. COLD SPRING HARBOR, N.Y., USA, 1976. XXII+437F(PART 1); XII+509P(PART 2). ILLUS. COLD SPRING HARBOR LABORATORY: COLD SPRING HARBOR, N.Y., USA, (1977)

559-561.

ISBN: 0-87696-040-2.

BR; OLL FILE SEGMENT: Unavailable LANGUAGE:

ANSWER 124 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1976:37624 BIOSIS

BR12:37624 DOCUMENT NUMBER:

FAT THYMUS DERIVED CELLS POSITIVELY SELECTED FOR TITLE:

RESPONSIVENESS TO ALLO ANTIGENS OF A MAJOR HISTO

COMPATIBILITY COMPLEX HAPLOTYPE SHOW UNALTERED SHEEP RED

BLOOD CELL SPECIFIC HELPER ACTIVITY.

HEBER-KATZ E; WILSON D B AUTHOR(S):

Fed. Proc., (1976) 35 (3), 627. SOURCE: CODEN: FEPRA7. ISSN: 0014-9446.

DOCUMENT TYPE: Conference BR; OLD FILE SEGMENT: Unavailable LANGUAGE:

=> s propylthiouracil and (cardiac or heart)

1092 PROPYLTHIOUFACIL AND (CAPDIAC OR HEART) Lin

=> s propylthiouracil (p) (cardiac or heart)

486 PROPYLTHIOURACIL (F) (CAPPIAC OR HEART)

=> s 17 and (heal? or wound or scar)

15 L7 AND (HEAL? OF WOUND OF SCAR.)

=> dup rem 18

PROCESSING COMPLETED FOR L8 13 DUP REM L8 (2 DUPLICATES REMOVED)

= d 19 ibib abs tot

L4 ANSWER 1 OF 13 USPATFULL

ACCESSION NUMBER: 2002:209575 USPATFULL

Controlled release oral dosage for suitable for oral TITLE:

administration

Mulye, Nirmal, Long Beach, NY, United States INVENTOR(3):

PATENT ASSIGNEE(S): Norstrum Pharmaceuticals, Inc., Long Beach, NY, United

States (U.S. corporation)

KIND DATE NUMBER. -----US 6437000 B1 20020820 US 2000-650837 20000830 FATENT INFORMATION: 20000830 (9) APPLICATION INFO .:

> NUMBER LATE \_\_\_\_\_\_

US 1999-152114P 19990902 (60) FRIORITY INFORMATION:

Utility L'OCUMENT TYPE: FILE SEGMENT: GRANTED

PRIMARY EWAMINER: Pryor, Alton

LEGAL PEPRESENTATIVE: Scully, Scott, Murphy & Presser

NUMBER OF CLAIMS: 38

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 826

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to a pharmaceutical composition, preferably in the form of a tablet comprising a therapeutically effective amount of a medicament in a carrier comprising a water insoluble polymer and a water-insoluble inorganic salt.

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

ANSWER 2 OF 13 USPATFULL

ACCESSION NUMBER: 2002:152387 USPATFULL

Correcting diastolic dysfunction in heart failure TITLE: Correcting diastolic dystanction in Model and Mills and Mil

MI, United States (U.S. corporation)

NUMBER KIND DATE \_\_\_\_\_\_

PATENT INFORMATION: US 6410236 B1 20020625
APPLICATION INFO.: US 1999-387919 19990901 (9)
POCUMENT TYPE: Utility
FILE SEGMENT: GEANTED
PRIMAPY EXAMINER: Clark, Deborah J. R.
ASSISTANT EXAMINER: Brunovskis, Peter
LEGAL REPRESENTATIVE: Median ( Carroll IID) LEGAL PEPRESENTATIVE: Medlen & Carroll, LLP

NUMBER OF CLAIMS: 3 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 9 Drawing Figure(s); 9 Drawing Page(s)

1528 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention relates to the overexpression of a calcium binding

protein in cardiac myocytes in vivo and in vitro, and in particular, to the correction of diastolic dysfunction. Expression of the calcium binding protein parvalbumin in pardiac myocytes results in an increase

in the rate of relaxation of the cardiac myocyte, in vivo and in vitro. The parvalbumin is expressed from an adenovirus vector,

adeno-associated

virus vector, or gutted adenovirus vector. The transfected in vivo and in vitro cardiac myc-cytes are also useful in drug screens.

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

ANSWER 3 OF 13 USPATFULL

ACCESSION NUMBER: 2001:150697 USPATFULL Delivery of oral drugs TITLE:

Stariforth, John, Bath, Great Britain Tobyn, Michael, Wileshire, Great Britain INVENTOR(S):

KIND DATE NUMBEF -----PATENT INFORMATION: US 2001020147 A1 20010906 APPLICATION INFO.: US 2001-793304 A1 20010226 (9)

NUMBER DATE \_\_\_\_\_ PRIORITY INFORMATION: GB 2000-4701 20000228 GB 2000-9023 20000412

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LAVIDSON, DAVIDSON & KAPPEL, LLC 14th Floor, New York, NY, 10018 91 LEGAL REPRESENTATIVE: DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 Seventh Avenue,

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 18 Drawing Page(s)

LINE COUNT:

Disclosed is a system for delivery of a drug comprising a multiple unit dosing device comprising a housing and an actuator, said device containing multiple doses of multiparticulates comprising drug particles, said device upon actuation delivering a unit dose of said

multiparticulates, said drug particles having a mean diameter of

than 10 .mu.m to about 1 mm such that an effective dose of said drug cannot be delivered into the lower lung of a human patient. Also disclosed are novel methods, devices and dosage forms for delivering a drug.

ANSWER 4 OF 13 EMBASE COPYFIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 2001113245 EMBASE

Congenital thyrotoxicosis in premature infants. TITLE:

Smith C.; Thomsett M.; Choong C.; Rodda C.; McIntyre H.D.; AUTHOR:

Cotterill A.M.

CORPORATE SOURCE: Dr. A.M. Cotterill, Dept. of Paediatric Endocrinology, Mater Children's Hospital, Brisbane, QLD 4101, Australia

Clinical Endocrinology, (2001) 54/3 (371-376). SOURCE:

Refs: 19

ISSN: 0300-0664 CODEN: CLENAO

United Kingdom COUNTRY:
DOCUMENT TYPE:
FILE SEGMENT:

003

007

007

008

Drug Literature Index
008

Adverse Reactions Titles COUNTRY:

English LANGUAGE: SUMMARY LANGUAGE: English

OBJECTIVES: Graves' disease (GD) complicates 0.1% to 0.2% of pregnancies, but congenital thyrotoxiccsis is rare occurring in one in 70 of these pregnancies independent of maternal disease status. Antenatal prediction of affected infants is imprecise; however, maternal history, coupled with a high maternal serum TSH receptor binding immunoglobulin index (TBII)

predict adverse neonatal outcome. Mortality is reported to be as high as 25% in affected infants and would therefore be expected to be higher in premature infants. This study illustrates that in sick, premature,

extreme

low birth weight (ELBW) or intrauterine growth retarded (IUGR) infants, the diagnosis maybe overlooked especially in the absence of antenatal

assessment and management of thyrotoxicosis in this setting is complex. DESIGN and PATIENTS: The records of premature neonates born at the three main maternity units in Brisbane, between January 1996 and July 1998 diagnosed with congenital thyrotoxicosis were reviewed. Data were

on gestational age, kirth weight (B Wt), maternal thyroid history and recorded current status, and neonatal course. Thyroid function and TBII status was assessed using standard biochemical assays. RESULTS: Seven neonates from five pregnancies were identified (four female, three male). Mean gestational age was 30 week (25-36 week) and median B Wt was 1.96 kg (0.50-2.62 kg). Only one mother received formal antenatal counselling by

а

paediatric endocrine service and had a TBII (54%) measured prior to delivery. Three of five mothers had elevated TBII measured after diagnosis

in their offspring (57%, 65%, 83%) and in one mother, a TBII was not performed. All mothers were biochemically euthyroid at delivery. Mean age at diagnosis was 9 days (1-16 days) and mean age at commencement of treatment was 12 days (7-26 days). Two infants received propylthiouracil and five received a combination of carbimazole and propranolol. Four became biochemically hypothyroid, in three this resolved with cessation of the antithyroid drug (ATD), and one required ongoing T4 supplementation. Only one infant required treatment for cardiac failure and there were no deaths in this cohort. CONCLUSIONS: This is a large series of extremely small and premature infants with neonatal thyrotoxicosis. Presentation was nonspecific. The diagnosis was delayed because of low birth weight, prematurity, multiple birth and/or an unrecognized maternal history of Graves' disease. The treatment of neonatal thyrotoxicosis was difficult in these extreme low birth weight infants yet no infant died and significant morbidity was confined to high output cardiac failure in one infant. With antenatal recognition of past or active Graves' disease, assessment of maternal TSH receptor binding immunoglobulin index prior to delivery and postnatal monitoring of cord TSH and venous fT4 and TSH on days 4 and 7 rapid treatment of affected infants may have further reduced neonatal morbidity.

ANSWER 5 OF 13 BIOSIS COFTRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1996:469712 BIOSIS PREV199699192068 DOCUMENT NUMBER:

Consensus statement for good practice and audit measures TITLE:

in

the management of hypothyroidism and hyperthyroidism. Vanderpump, M. P. J.; Ahlquist, J. A. O.; Franklyn, J. A.;

AUTHOR(S): Clayton, F. N. (1)

(1) Dep. Diabetes Endocrinol., City Gen. Hosp., Stoke on COPPORATE SOURCE:

Trent ST4 6QG UK

British Medical Journal, (1996) Vol. 313, No. 7056, pp. SOURCE:

539-544.

ISSN: 0959-8138.

Standard DOCUMENT TYPE: English LANGUAGE:

DUPLICATE 1 MEDLINE ANSWER 6 OF 13

MEDLINE ACCESSION NUMBER: 96200639

96200639 PubMed ID: 8677108 DOCUMENT NUMBER:

Successful treatment of recurrent non-immune hydrops TITLE:

secondary to fetal hyperthyroidism.

Treadwell M C; Sherer D M; Sacks A J; Ghezzi F; Romero R AUTHOR:

Department of Obstetrics and Gynecology, Hutzel CORPORATE SOURCE:

Hospital/Wayne State University, Detroit, Michigan, USA.

OBSTETRICS AND GYNECOLOGY, (1996 May) 87 (5 Pt 2) 838-40. SOURCE:

Journal code: 0401101. ISSN: 0029-7844.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

Abridged Index Medicus Journals; Priority Journals FILE SEGMENT:

199608 ENTRY MONTH:

Entered STN: 19960822 ENTRY DATE:

Last Updated on STN: 19960322

Entered Medline: 19960815

BACKGROUNI: Non-immune fetal hydrors is a heterogeneous disorder with a mortality rate of 50-98%. Pesolution of non-immune fetal hydrops is rare AB but has been reported to occur spontaneously or after targeted

therapeutic

measures. CASE: A euthyroid gravida with Graves disease presented with a history of three prior perinatal deaths between 26 and 28 weeks' gestation, all associated with fetal hydrops. In the current pregnancy, the fetus developed hydrops at 24 weeks' gestation. Fetal

hyperthyroidism,

with high-output cardiac failure, was diagnosed with fetal blood sampling. After maternal therapy with propylthiouracil, resolution of the non-immune hydrops were documented and a healthy neonate subsequently delivered to term. The neonate developed transient hyperthyroidism after delivery, which required treatment for 10 weeks. CONCLUSION: Non-immune hydrops occurring as a result of fetal hyperthyroidism with high output cardiac failure is treatable with propylthiouracil.

AllSWER 7 OF 13 USPATFULL

ACCESSION NUMBER: 94:88500 USPATFULL

Controlled release powder and process for its TITLE:

preparation

Sparks, Randall T., Gainesville, GA, United States INVENTOR(S):

Geoghegan, Edward J., Westmeath, Ireland

Elan Corporation, plc, Athlone, Ireland (non-U.S. PATENT ASSIGNEE(S):

corporation)

NUMBER KIND DATE PATENT INFORMATION: US 5354556 19941011
APPLICATION INFO.: US 1990-537065 19900709 (7)

20070828 DISCLAIMER DATE:

RELATED APPLN. INFO.: Continuation of Ser. No. US 1988-169447, filed on 17 Mar 1988, now patented, Pat. No. US 4952402 which is a

continuation of Ser. No. US 1985-792801, filed on 30

Oct 1985, now patented, Pat. No. US 4940588

NUMBER DATE \_\_\_\_\_\_

FRIORITY INFORMATION: IE 1984-278884 19841030

DOCUMENT TYPE: Utility Granted FILE SEGMENT:

PRIMARY EXAMINER: Page, Thurman K.
ASSISTANT EXAMINER: Harrison, R. LEGAL REPRESENTATIVE: Church, Marla J.

NUMBER OF CLAIMS: 12 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 16 Drawing Figure(s); 16 Drawing Page(s)

1139 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

A controlled release powder containing discrete micro-particles for use in edible, pharmaceutical and other controlled release compositions is disclosed. The micro-particles have an average size in the range of

from

0.1 to 125 .mu.m. Each of the micro-particles is in the form of a micromatrix of an active ingredient uniformly distributed in at least one non-toxic polymer. The micro-particles have a predetermined release of active ingredient when the dissolution rate thereof is measured according to the Paddle Method of U.S. Pharmacopoeia XX at 37.degree.

С.

and 75 r.p.m.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 8 OF 13 USPATFULL

90:91090 USPATFULL ACCESSION NUMBER:

Synthetic peptides derived from the alpha-subunit of TITLE:

human lycoprotein hormones

Fyan, Robert J., Rochester, MN, United States INVENTOR(S):

McCormick, Daniel J., Rochester, MN, United States Morris, John C., Rochester, MN, United States Charlesworth, M. Cristine, Rochester, MN, United

States

Mayo Foundation for Medical Education and Research, PATENT ASSIGNEE(S):

Fochester, MN, United States (U.S. corporation)

NUMBER KIND DATE \_\_\_\_\_\_ \_\_\_\_ PATENT INFORMATION: US 4973578 19901127 APPLICATION INFO.: US 1988-169375 19880317 (7) DOCUMENT TYPE: Utility

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Moezie, F. T.

LEGAL REPRESENTATIVE: Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A.

NUMBER OF CLAIMS: 1 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 12 Drawing Figure(s); 8 Drawing Page(s) LINE COUNT: 809

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Synthetic peptides corresponding to .alpha.-subunit of human glycoprotein hormone amino acid regions .alpha.31-45, .alpha.21-35, .alpha.26-46 and .alpha.81-92; were found to inhibit binding of 125.sub.I-bTSH to human thyroid. Peptides corresponding to regions .alpha.26-46 and .alpha.31-45 were also found to potently inhibit the stimulation of adenylate cyclase activity by bTSH in a TSH bioassay using FRTL-5 cells and block the action of thyroid stimulating immunoglobulin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 9 OF 13 USPATFULL

ACCESSION NUMBER: 90:67456 USPATFULL

Controlled release powder and process for its TITLE:

preparation

Sparks, Pandall T., Gainesville, GA, United States INVENTOR(S):

Geoghegan, Edward J., Athlone, Ireland

Elan Corporation, p.l.c., Athlone, Ireland (non-U.S. PATENT ASSIGNEE(S):

corporation)

NUMBER KIND DATE \_\_\_\_\_\_

 
 US
 4952402
 19900828

 US
 1988-169447
 19880317
 PATENT INFORMATION: (7) APPLICATION INFO.:

Continuation of Ser. No. US 1985-792801, filed on 30 RELATED APPLN. INFO.:

Oct 1985, now abandoned

NUMBER DATE \_\_\_\_\_ PRIORITY INFORMATION: IE 1984-2788 19841030 Utility DOCUMENT TYPE:

FILE SEGMENT: Granted

PRIMARY EXAMINER: Page, Thurman K.

LEGAL REPRESENTATIVE: Falk, Robert Hardy, Croskell, Henry

NUMBER OF CLAIMS: 52 EXEMPLARY CLAIM: 1

NUMBER OF FRAWINGS: 16 Drawing Figure(s); 15 Drawing Page(s) LINE COUNT: 1310

LINE COUNT:

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

A controlled release powder containing discrete micro-particles for use in edible, pharmaceutical and other controlled release compositions is disclosed. The micro-particles have an average size in the range of

from

0.1 to 125 .mu.m. Each of the micro-particles is in the form of a micromatrix of an active ingredient uniformly distributed in at least one non-toxic polymer. The micro-particles have a predetermined release of active ingedient when the dissolution rate thereof is measured according to the Paddle Method of U.S. Pharmacopoeia XX at 37.degree.

C.

and 75 r.p.m.

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

ANSWER 10 OF 13 USPATFULL

ACCESSION NUMBER: 90:54484 USPATFULL

Controlled release powder and process for its TITLE:

preparation

Sparks, Randall T., Gainesville, GA, United States INVENTOR(S):

Geoghegan, Edward J., Athlone, Ireland

PATENT ASSIGNEE(S): Elan Corporation, Athlone, Ireland (non-U.S.

corporation)

KIND DATE NUMBER \_\_\_\_\_\_ PATENT INFORMATION: US 4940588 19900710 APPLICATION INFO.: US 1988-171131 19880317 (7)

Continuation of Ser. No. US 1985-792801, filed on 30 RELATED APPLN. INFO.:

Oct 1985, now abandoned

NUMBER DATE \_\_\_\_\_\_

PRIORITY INFORMATION: IE 1984-2783 19841030

DOCUMENT TYPE: Utility FILE SEGMENT: Granted PRIMARY EXAMINER: Granted Rose, Shep K.

LEGAL PEPRESENTATIVE: Falk, Pobert H., Croskell, Henry

NUMBER OF CLAIMS: 7 EMEMPLARY CLAIM:

NUMBER OF DRAWINGS: 16 Drawing Figure(s); 15 Drawing Page(s)

LINE COUNT: 1123

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

A controlled release powder containing discrete micro-particles for use in edible, pharmaceutical and other controlled release compositions is disclosed. The micro-particles have an average size in the range of

from

0.1 to 125 .mu.m. Each of the micro-particles is in the form of a micromatrix of an active ingredient uniformly distributed in at least one non-toxic polymer. The micro-particles have a predetermined release of active ingredient when the dissolution rate thereof is measured according to the Paddle Method of U.S. Pharmacopoeia XX at 37.degree.

J.

and 75 r.p.m.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 11 OF 13 USPATFULL

ACCESSION NUMBER: 90:32202 USPATFULL

Method of lowering LDL cholesterol in blood TITLE: Nestler, John E., Richmond, VA, United States INVENTOR(S):

Barlascini, Cornelius O., Columbus, GA, United States Clore, John N., Richmond, VA, United States

Blackard, William G., Richmond, VA, United States Virginia Commonwealth University, Richmond, VA, United PATENT ASSIGNEE(S):

States (U.S. corporation)

NUMBER KIND DATE 

US 4920115 19900424 US 1988-291149 19881228 (7) PATENT INFORMATION: APPLICATION INFO.:

Utility DOCUMENT TYPE: Granted FILE SEGMENT:

PRIMARY EXAMINER: Snead, H. M. S. ASSISTANT EXAMINER: Saba, James

LEGAL REPRESENTATIVE: Whitham & Marhoefer

8 NUMBEP OF CLAIMS: 1 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 516

CAS INDEMING IS AVAILABLE FOR THIS PATENT.

Therapeutic amounts of DHEA are administered to human patients for the treatment and prevention of such disorders as atherosclerosis, angina, diabetes, obesity and congestive heart failure. Administering therapeutic quantities of DHEA to human patients has been found to reduce body fat mass and increase muscle mass, lower serum LDL cholesterol levels, lower serum apoB levels, and not affect tissue sensitivity to insulin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 12 OF 13 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 1985:420720 CAPLUS

103:20720

DOCUMENT NUMBER: A myothermal analysis of the myosin crossbridge TITLE:

cycling rate during isometric tetanus in normal and

hypothyroid rat hearts

Alpert, N. R.; Mulieri, L. A.; Litten, R. Z.; AUTHOR(S):

Holubarsch, C.

Dep. Physiol. Biophys., Univ. Vermont, Burlington, COPPOPATE SOURCE:

VΤ,

USA

Eur. Heart J. (1984), 5(Suppl. F), 3-11 SOURCE:

CODEN: EHJOUF; ISSN: 0195-668X

DOCUMENT TYPE: Journal English LANGUAGE:

The problem of internal shortening, which takes place during force development and dissipation in the isometric twitch, is minimized by carrying out measurements of the rate of heat liberation during the plateau phase of tetanic force maintenance. The V1/V3 myosin isoenzyme ratio is altered by treating rats with propylthiouracil (PTU) added to the drinking water; here the contractile protein alteration occurs with myocardial atrophy rather than hypertrophy. High resoln., rapid temp. measurements are made in tetanically stimulated isometrically contracting rat **heart** papillary muscles from normal (high V1/V3 ratio) and PTU treated (low V1/V3 ratio) rats to assess the relation between contractile protein performance (crossbridge cycling rate) in the intact muscle and that under controlled conditions in isolated myofibrils.

In papillary muscles from the normal heart the crossbridge cycling rate during force maintenance was 6.53 Hz compared with 3.13 and 0.53 cycles/s in the myofibril at high and low ionic strength, resp. For the PTU treated papillary muscles the cycling rate during force maintenance was 2.71 cycles/s while in the myofibril at high and low

ionic

strength it was 0.97 and 0.34 cycles/s, resp. This difference may be a result of reduced cycling rate in myofibrillar prepns. caused by a disorganization of the filament lattice as a result of loss of the sarcolemma and when unrestrained sarcomere shortening occurs. Similar to the results found previously in the rabbit (with low V1/V3 ratios) the economy of force maintenance was substantially increased in the PTU (low V1/V3) treated rat hearts. Anal. of this increase in economy indicates that it resulted from a decrease in the myosin crossbridge cycling rate assocd. With an increase in the on time (period during which the crossbridge is connected to actin and developing force). In the normal heart prepns. studies were carried out at a lower temp. (21 vs 11.degree.) to see if decreasing the cycling rate by means of a temp. change would increase the economy of force maintenance and if the Q10 for the cycling rate and on time were identical. Force maintenance at the lower temp. was more economical than at the higher temp. while the Q10

cycling rate and on time were 1.7 and 2.7, resp.

ANSWER 13 OF 13 CAPLUS COPYFIGHT 2002 ACS

1956:45584 CAPLUS ACCESSION NUMBER:

50:45584 DOCUMENT NUMBER: ORIGINAL REFERENCE NO.: 50:8848d-e

Effects of sitosterol ingestion on serum cholesterol TITLE:

concentration

Shipley, R. E. AUTHOR(S):

Indianapolis General Hosp., IN CORPORATE SOURCE:

Trans. N.Y. Acad. Sci. (1955), 18, 111-18 SOURCE:

Journal DOCUMENT TYPE: Unavailable LANGUAGE:

Feeding of sitosterol to the following caused a lowering of serum cholesterol: dogs made hypercholesteremic by cholesterol feeding and propylthiouracil; healthy male adult; female adult with hypertension; female adult with hypercholesteremia and arteriosclerotic heart disease; female adult with hypercholesteremia; male diabetic.

=> d kwic 2 5 9 11

for

ANSWER 2 OF 13 USPATFULL

This invention was made with Government support under a National GOVI Institutes of Health grant awarded by contract AG15434. The government has certain rights in this invention.

 $\dot{\cdot}$  . . to be 4-5 million individuals, with annualized hospital and SUMM care costs of about \$12, billion per year (Levit et al., Health Care Finan. Rev. 13: 29-54, [1991]; O'Connell, J. Heart Lung Transplant 13: S107-S248, [1994]; Gheorghiade et al., Am. Heart J.. .

. . . Sprague Dawley rats by enzymatic digestion as described EETD previously (Westfall, et al., supra). Rats were made hypothyroid by adding 0.6% propylthiouracil to the drinking water for a minimum of 4 weeks prior to myocyte isolation. Myocytes were isolated by

removing the heart from an anesthetized rat and perfusing the heart with Kreb's Henseleit Buffer (KHB) + 1 mM CaCl.sub.2 for 5 minutes on a modified Langendorff perfusion apparatus. The heart was then perfused with Ca.sup.2+ -free KHB for 5 minutes followed by addition of collagenase (0.5 mg/ml) and hyaluronidase (0.2. . .

ANSWER 5 OF 13 BIGSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. LĢ ΙΤ

Major Concepts Cardiovascular Medicine (Human Medicine, Medical Sciences); Development; Endocrine System (Chemical Coordination and Homeostasis); Metabolism; Pathology; Pharmacology; Public Health (Allied Medical Sciences); Radiology (Medical Sciences); Reproductive System (Reproduction); Surgery (Medical Sciences); Toxicology

```
THYROXINE; CARBIMAZOLE; PROPYLTHICURACIL
    Miscellaneous Descriptors
ΙT
       ADVERSE SIDE EFFECTS; ANTITHYROID-IRUG; CARBIMAZOLE; DIAGNOSIS;
GRAVES'
       DISEASE; HYPEPEMESIS GRAVIDAPUM; ISCHEMIC HEART DISEASE;
      PROPYLTHIOURACIL; PADIOIODINE; SURGEPY; THIONAMIDES;
       THYROIDITIS; THYPOTOXICOSIS; THYROXINE
    ANSWER 9 OF 13 USPATFULL
     . . . ascorbic acid, alpha tocopherol, thiamine and pyridoxine;
DETD
      anti-spasmodic drugs such as dicyclomine and diphenoxylate; drugs
       affecting the rhythm of the heart such as verapamil,
       nifedipine, diltiazem, procainamide, disopyramide, bretylium tosylate,
       quinidine sulfate and quinidine gluconate; drugs used in the treatment
       of. . . as tolbutamide, disbenase glucagon and insulin; drugs used
in
       the treatment of thyroid gland disfunction such as triiodothyronine,
       thyroxine and propylthiouracil, diuretic drugs such as
       furosemide, chlorthalidone, hydrochlorthiazide, spironolactone and
       triamterene; the uterine relaxant drug ritodrine; appetite suppressants
       such as fenfluramine. . .
       Other suitable formulations incorporating the micro-particles according
DETD
       to the invention include inhalants, magmas, intrauterine devices,
       patches, biodegradable wound dressings and other topical
       dressings.
    ANSWER 11 OF 13 USPATFULL
L9
       This invention was made with U.S. Government support under contracts
GOVI
       RR00065 and AM07428 awarded by the National Institutes of Health
       . The government has certain rights in this invention.
       . . . Geriatrics 37: 157 (1982), DHEA was reported to be a "miracle
SUMM
       drug" which may prevent obesity, aging, diabetes mellitus and
     heart disease. These assertions stem from animal studies which
       demonstrated that DHEA administration resulted in lower body weight in
       C3H(Avy/a) mice. . . tissue sensitivity to insulin in aged normal
       mice, and prevented the rise in cholesterol levels of rats made
       hypothyroid with propylthiouracil. Human studies have revealed
       an inverse correlation between fetal serum DHEA-S and low density
       lipoprotein (LDL) levels (Parker et al,. . .
       . . . men contrasts significantly with animal studies, in which DHEA
DETD
       prevented the rise in serum cholesterol in rats made hypothyroid with
     propylthiouracil, but had no effect on serum cholesterol levels
       in normal rats (Ben-David et al, Proc. Soc. Exp. Biol. Med. 125:.
       inventor's study represents an estimated 14% reduction in risk for the
       development of cardiovascular disease. The derived reduction of
     heart disease from the reduction of cholesterol is discussed in
       the Lipid Research Clinics article, JAMA, 251: 365-3/4 (1984), and
this.
=> d history
      (FILE 'HOME' ENTERED AT 10:35:09 ON 09 OCT 2002)
      FILE 'MELLINE, CAPLUS, LIFESCI, EMBASE, USPATFULL, BIOSIS' ENTERED AT
      10:35:26 ON 09 OCT 2002
                E HEBER-KATZ ?/AU
                E HEBER KATZ ?/AU
            327 S E4-6
L1
              7 S L1 AND (CARDIAC OF HEAFT)
 L2
              3 DUP FEM L2 (4 DUPLICATES REMOVED)
 L3
            127 DUP REM L1 (200 DUPLICATES REMOVED)
```

Chemicals & Biochemicals

ΙT

L4

```
124 S L4 NOT L2
L5
           1092 S PROPYLTHIOURACIL AND (CAPDIAC OF HEART)
L6
            486 S PROPYLTHIOURACIL (P) (CARDIAC OR HEART)
L7
             15 S L7 AND (HEAL? OR WOUND OR SCAR)
\mathbb{L}^{g}
             13 DUP FEM L8 (2 DUPLICATES REMOVED)
ЪĠ
= · s 17 and ischemia
             6 L7 AND ISCHEMIA
L10
= s 110 not 18
             6 L10 NOT L3
L11
= > dup rem 111
PROCESSING COMPLETED FOR L11
              3 DUP REM L11 (3 DUPLICATES REMOVED)
T.1.2
=> d 112 ibib abs tot
L12 ANSWER 1 OF 3 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.DUPLICATE 1
                    93231809 EMBASE
ACCESSION NUMBER:
                    1993231809
EOCUMENT NUMBER:
                     [Acute ischemic heart disease and thyrotoxicosis:
TITLE:
                    Rapid regression of myocardial ischemia with
                    propranolcl and propylthiouracil. A case report].
                     ISCHEMIA MIGCARDIA ACUTA IN CORSO DI
                     TIREOTOSSICOSI: REGRESSIONE RAPIDA DELL'ISCHEMIA
                     CON L'IMPIEGO DI PROPRANOLOLO E PROPILTIOURACILE.
                     DESCRIZIONE DI UN CASO CLINICO.
                     Della Corte C.; Della Corte R.; Festa M.
AUTHOR:
                     Plazza della Rocca, 2,01100 Viterbo, Italy
 CORPORATE SOURCE:
                    Gazzetta Medica Italiana Archivio per le Scienze Mediche,
 SOURCE:
                     (1993) 152/4 (149-153).
                     ISSN: 0393-3660 CODEN: GMIMES
                     Italv
 COUNTRY:
                     Journal; Article
 DOCUMENT TYPE:
                            Endocrinology
                     0.03
 FILE SEGMENT:
                             Cardiovascular Diseases and Cardiovascular Surgery
                     013
                             Drug Literature Index
                     037
                     Italian
 LANGUAGE:
 SUMMARY LANGUAGE: Italian; English
 L12 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
                                                        DUPLICATE 2
                          1989:571851 CAPLUS
 ACCESSION NUMBER:
                          111:171851
 DOCUMENT NUMBER:
                          Ventricular fibrillation is reduced in hypothyroid
 TITLE:
                          rats with enhanced myocardial .alpha.-adrenoceptor
                          responsiveness
                          Chess-Williams, R.; Coker, S. J.
 AUTHOR(S):
                          Dep. Pharmacol. Ther., Univ. Liverpool, Liverpool,
 CORPORATE SOURCE:
 L69
                          звк, ик
                          Br. J. Pharmacol. (1989), 98(1), 95-100
 SOURCE:
                          CODEN: BJPCBM; ISSN: 0007-1188
                          Journal
 DOCUMENT TYPE:
                          English
 LANGUAGE:
      The severity of ventricular arrhythmias induced by coronary artery
      occlusion and reperfusion was examd. in control rats and animals made
      hypothyroid by pretreatment with 6-propylthiouracil (PTU). The
      maximal driving frequency and sensitivity of isolated left atria and
      papillary muscles to isoprenaline and to phenylephrine in the presence of
      propranciol, were also examd. in tissues from control and hypothyroid
      animals. Pretreatment with PTU resulted in a potentiation of responses
```

the .alpha.-adrenoceptor agonist phenylephrine in both left atria and papillary muscles, while responses to isoprenaline were depressed in left atria but unaltered in papillary muscles from hypothyroid animals. In rats subject to coronary artery occlusion, PTU pretreatment reduced the incidence of ventricular fibrillation during acute myocardial ischemia and abolished reperfusion-induced ventricular fibrillation. Mortality during myocardial ischemia and reperfusion was also abolished. Diastolic blood pressure was similar in hypothyroid and control animals, but there was a small redn. in systolic blood pressure and a marked decrease in heart rate in PTU-pretreated animals. Thus, PTU-induced hypothyroidism represents a condition where cardiac .alpha.-adrenoceptor-mediated responses are enhanced but the severity of ischemia- and reperfusion-induced arrhythmias is reduced.

L12 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS 1979:146811 CAPLUS ACCESSION NUMBER:

90:146811 DOCUMENT NUMBER:

Alcohol induced susceptibility to hypoxic liver damage: possible role in the pathogenesis of TITLE:

alcoholic liver disease?

Israel, Y.; Orrego, H.; Khanna, J. M.; Stewart, D. AUTHOR(S):

J.;

Phillips, M. J.; Kalant, H.

Addict. Res. Found., Univ. Toronto, Toronto, Ont., CORPORATE SOURCE:

Can.

Hepatology (N. Y.) (1977), 3(Alcohol Liver), 323-48 SOURCE:

CODEN: HEPADF; ISSN: 0161-0538

Journal DOCUMENT TYPE: English

Chronic EtOH [64-17-5] feeding to rats caused increased alc. metab., O LANGUAGE: uptake and liver lesions. The severity of the lesions was proportional

the degree of hypoxia. The alterations were localized in the periacinar zone and were characterized by necrosis, degeneration, and mild leukocytic

infiltration. Propylthiouracil treatment which is known to reduce tissue O consumption markedly protected against liver damage induced by hypoxia in alc.-treated animals. The liver of the spontaneously hypersensitive strain of rats showed marked increases in alc. metab. and of O consumption following chronic alc. feeding. These animals, in which cardiac output and liver perfusion rates were known to be reduced by hypertension, developed liver lesions spontaneously, when EtOH was fed chronically. Ischemia, resulting from a combination of metabolic factors and subclin. and clin. conditions may play a role in producing liver lesions of an alc.

=> d 1 all

```
L12 ANSWER 1 OF 3 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.DUPLICATE 1
```

AN 93231809 EMBASE

DN 1993231809

[Acute ischemic heart disease and thyrotoxicosis: Rapid TIregression of myocardial ischemia with propranolol and

propylthiouracil. A case report].

ISCHEMIA MIOCARDIA ACUTA IN CORSO DI TIREOTOSSICOSI: REGRESSIONE RAPIDA DELL'ISCHEMIA CON L'IMPIEGO DI PROPRANOLOLO E FROFILTIOURACILE. DESCRIZIONE DI UN CASO CLINICO.

Della Corte C.; Della Corte R.; Festa M. ΑU

Piazza della Rocca, 2,01100 Viterbo, Italy CS

Gazzetta Medica Italiana Archivio per le Scienze Mediche, (1993) 152/4 SO (149-153).

ISSN: 0393-3660 CODEN: GMIMES

Italy CY

```
Journal; Article
\mathsf{DT}
            Endocrinology
             Cardiovascular Diseases and Cardiovascular Surgery
FS
     603
     018
             Drug Literature Index
     0.37
     Italian
LA
     Italian; English
SL
     Medical Descriptors:
CT
     *ischemic heart disease: DT, drug therapy
     *thyrotoxicosis: DT, drug therapy
     aged
     article
     case report
     female
     human
     Drug Descriptors:
     *propranolol: DT, drug therapy
     *propylthiouracil: DT, drug therapy
     calcium antagonist: DT, drug therapy
     digoxin: DT, drug therapy
     glyceryl trinitrate: DT, drug therapy
     heparin: DT, drug therapy
      lanatoside c: DT, drug therapy
      verapamil: DT, drug therapy
     (propranolol) 13013-17-7, 318-98-9, 3506-09-0, 4199-09-1, 525-66-6;
      (propylthiouracil) 51-52-5; (digoxin) 20830-75-5, 57285-89-9; (glyceryl
 RN
      trinitrate) 55-63-0; (heparin) 37187-54-5, 8057-48-5, 8065-01-8,
      9005-48-5; (lanatoside c) 17575-22-3; (verapamil) 152-11-4, 52-53-9
 => s hypothyroid? and heart
           5511 HYPOTHYROID? AND HEART
 L13
 => s 113 and (wound or ischemi?)
            573 L13 AND (WOUND OF ISCHEMI?)
 L14
 => s 113 (p) (wound or ischemi?)
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'L67 (P) '
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'L68 (P) '
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'L69 (P) '
  PROMIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOR ASSUMED 'L70 (P) '
  PROMIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOR ASSUMED 'L71 (P) '
  PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOR ASSUMED 'L72 (P) '
             573 L13 (P) (WOUND OR ISCHEMI?)
  L15
  => s hypothyroid? (p) ( heart or cardiac)
            4365 HYPOTHYROID? (P) (HEART OR CARDIAC)
  L16
  => s 116 (p) (wound or ischemi?)
             177 L16 (P) (WOUND OR ISCHEMI?)
  L17
  => dup rem 117
  PROCESSING COMPLETED FOR L17
              121 DUP REM L17 (56 DUPLICATES REMOVED)
  L18
```

 $\Rightarrow$  s 118 an py<2001

MISSING OPERATOR L18 AN The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

 $\Rightarrow$  s 118 and py<2001

3 FILES SEARCHED...

95 L18 AND PY<2001

=> d 119 ibib abs 1-10

L19 ANSWER 1 OF 95 MEDLINE

ACCESSION NUMBER: 2000080513 MEDLINE

20080513 PubMed ID: 10614850 DOCUMENT NUMBEF:

Combined cardiac surgery and total thyroidectomy: a case TITLE:

report.

Matsuyama K; Ueda Y; Ogino H; Sugita T; Nishizawa J; AUTHOR:

Matsubayashi K; Yoshimura S; Yoshioka T; Tokuda Y

Department of Cardiovascular Surgery, Tenri Hospital, CORPORATE SOURCE:

Nara,

Japan.

JAPANESE CIRCULATION JOURNAL, (1999 Dec) 63 (12) SOURCE:

1004-6.

Journal code: 7806868. ISSN: 0047-1828.

Australia FUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

FILE SEGMENT: Priority Journals

200001 ENTRY MONTH:

Entered STN: 20000204 ENTRY DATE:

Last Updated on STN: 20000204

Entered Medline: 20000127

A 65-year-old woman with aortic stenosis, ischemic heart AB disease, and Graves' disease had complained of effort angina. She then suffered from liver dysfunction due to treatment with antithyroid drugs. One year after the start of radioiodine administration, she demonstrated

unstable angina with palpitation and sweating. Laboratory studies

revealed

a recurrent hyperthyroid state, and a second coronary angiogram revealed progressive ischemic heart disease. Combined coronary

artery bypass grafting, aortic valve replacement, and total thyroidectomy were performed. The postoperative course was uneventful without any

problems associated with hyperthyroidism or hypothyroidism.

Combined cardiac surgery and total thyroidectomy can be

performed safely if the perioperative levels of thyroid hormone are maintained at euthyroid or hypothyroid levels.

MEDLINE

L19 ANSWER 2 OF 95 MEDLINE 97430416 ACCESSION NUMBER:

97430416 PubMed ID: 9333319 DOCUMENT NUMBER:

TITLE:

[Hypothyroidism with pseudo-ischemic and hypertensive clinical presentation: physiopathological and diagnostic

considerations].

Ipotiroidismo a presentazione clinica pseudo-ischemica ed

ipertensiva: considerazioni fisiopatologiche e

diagnostiche.

La Brocca A AUTHOR:

Divisione di Medicina Interna, Ospedale Civile di Giaveno CORPORATE SOUPCE:

(TO), Azıenda Regionale U.S.L. 5 di Torino.

ANNALI ITALIANI DI MEDICINA INTERNA, (1997 Apr-Jun) SOURCE:

12 (2) 94-7.

Journal code: 8806705. ISSN: 0393-9340.

Italy FUB. COUNTRY:

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: Italian
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199710
ENTRY DATE: Entered STN: 19971024

MEDLINE ANSWER 21 OF 124

ACCESSION NUMBER: 93219417 MEDLINE

PubMed ID: 7681993 93219417 DOCUMENT NUMBER:

In vive expression of inducible nitric oxide synthase in TITLE:

experimentally induced neurologic diseases.

Erratum in: Proc Natl Acad Sci U S A 1993 Jun COMMENT:

1;90(11):5378

Koprowski H; Zheng Y M; Heber-Katz E; Fraser N; AUTHOR:

Rorke L; Fu Z F; Hanlon C; Dietzschold B

Department of Microbiology and Immunology, Thomas CORPORATE SOURCE:

Jefferson

University, Philadelphia, PA 19107.

CONTRACT NUMBER: AI-09701 (NIAID)

MH-45174 (NIMH) NS11036 (NINDS)

PROCEELINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE SOURCE:

UNITED STATES OF AMERICA, (1993 Apr 1) 90 (7) 3024-7.

Journal code: 7505876. ISSN: 0027-8424.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

ENTRY MONTH: 199305

Entered STN: 19930521 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19930504

MEDLINE ANSWER 22 OF 124

MEDLINE ACCESSION NUMBER: 92384529

PubMed ID: 1331167 92384529 DOCUMENT NUMBER:

Shared T-cell receptor gene usage in experimental allergic TITLE:

neuritis and encephalomyelitis.

Comment in: Ann Neurol. 1993 Jul; 34(1):113-4 COMMENT:

Clark L; Heber-Katz E; Postami A AUTHOR:

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

AF39489 (NIAMS) CONTRACT NUMBER:

NS-11036 (NINDS) NS08075 (NINDS)

AMNALS OF NEUROLOGY, (1992 Jun) 31 (6) 587-92. SOURCE:

Journal code: 7707449. ISSN: 0364-5134.

United States PUB. COUNTRY:

Journal; Article: (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199209 ENTRY MONTH:

Entered STN: 19921618 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19920925

ANSWER 23 OF 124 MEDLINE

MEDLINE ACCESSION NUMBER: 92352658

PubMed ID: 1386519 92352658 DOCUMENT NUMBER:

Observations, legends, and conjectures concerning TITLE:

restricted T-cell receptor usage and autoimmune disease.

Esch T; Clark L; Zhang X M; Goldman S; Heber-Katz E AUTHOR:

Wistar Institute, Philadelphia, PA 19104. CORPORATE SOURCE:

CONTRACT NUMBER: CA-09171 (NCI)

NS-11036-17 (NINDS) CRITICAL REVIEWS IN IMMUNOLOGY, (1992) 11 (5) 249-64. SOURCE:

Ref:

Journal code: 8914819. ISSN: 1040-8401.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL APTICLE) DOCUMENT TYPE:

General Review; (REVIEW)

(PEVIEW, ACADEMIC)

English LANGUAGE:

Priority Journals FILE SEGMENT:

199209 ENTRY MONTH:

Entered STN: 19920925 ENTRY DATE:

Last Updated on STN: 19920925 Entered Medline: 19920904

MEDLINE ANSWER 24 OF 124

ACCESSION NUMBER: 92121421 MEDLINE

92121421 PubMed ID: 1531052 DOCUMENT NUMBER:

A workshop on thymus, clonal deletion and suppressor systems in demyelinating disease. 20-24 March 1991, TITLE:

Eldorado Hotel, Sante Fe, NM, USA.

Heber-Katz E; Waksman B

CORPORATE SOURCE: Wistar Institute, Philadelphia, PA 19104.

JOURNAL OF NEUROIMMUNOLOGY, (1992 Feb) 36 (2-3) 231-8. SOURCE:

Journal code: 8109498. ISSN: 0165-5728.

PUB. COUNTRY: Netherlands

DOCUMENT TYPE: Conference; Conference Article; (CONGRESSES)

English LANGUAGE:

Priority Journals FILE SEGMENT:

199202 ENTRY MONTH:

Entered STN: 19920315 ENTRY DATE:

Last Updated on STN: 19990129 Entered Medline: 19920221

MEDLINE ANSWER 25 OF 124

ACCESSION NUMBER: 92113254 WEDTINE

92113254 PubMed ID: 1370515 DOCUMENT NUMBER:

T cell receptor sequences from encephalitogenic T cells in TITLE:

adult Lewis rats suggest an early ontogenic origin.

Zhang X M; Heber-Katz E

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia, PA

19104.

CONTRACT NUMBER: NS-11036-17 (NINES)
SOURCE: NS-11036-17 (NINES)
SOURCE: NS-11036-17 (NINES)
SOURCE: NS-11036-17 (NINES)
SOURCE: NS-11036-17 (NINES)

Journal code: 2985117F. ISSN: 0022-1767.

FUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

English LANGUAGE:

Abridged Index Medicus Journals; Priority Journals FILE SEGMENT:

199202 ENTRY MONTH:

Entered STN: 19920308 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19920219

MEDLINE ANSWER 26 OF 124

ACCESSION NUMBER: 92062769 MEDLINE

92062769 PubMed ID: 1954284 DOCUMENT NUMBER:

The autoimmune T-cell receptor in experimental disease. TITLE:

Heber-Katz E

COFPORATE SOURCE: Wistar Institute, Philadelphia, Fennsylvania. IMMUNOLOGY SERIES, (1991) 55 155-69. Ref: 72 SOURCE: Journal code: 0404721. ISSN: 0092-6019.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

General Review; (REVIEW)

(REVIEW, ACADEMIC)

English LANGUAGE:

Priority Journals FILE SEGMENT:

199201 ENTRY MONTH:

Entered STN: 19920124 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19920102

ANSWER 27 OF 124 MEDLINE

ACCESSION NUMBER: 91334437 MEDILINE DOCUMENT NUMBER: 91334437 PubMed ID: 1714594 DOCUMENT NUMBER:

T-cell receptor peptide immunization leads to enhanced and TITLE:

chronic experimental allergic encephalomyelitis.

Desquenne-Clark L; Esch T R; Otvos L Jr; Heber-Katz : ACHTUA

COPPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia, PA

19104.

CONTRACT NUMBER: NS 11036 (NINDS)

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE SOURCE:

UNITED STATES OF AMERICA, (1991 Aug 15) 88 (16) 7219-23.

Journal code: 7505876. ISSN: 0027-8424.

United States

PUB. COUNTRY: United S DOCUMENT TYPE: Journal; English Journal; Article; (JOURNAL ARTICLE)

FILE SEGMENT: Priority Journals

199109 ENTRY MONTH:

Entered STN: 19911006 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19910918

MEDLINE ANSWER 28 OF 124

ACCESSION NUMBER: 91332429 MEDLINE DOCUMENT NUMBER: 91332429 PubMed ID: 1714476 DOCUMENT NUMBER:

Nonencerhalitogenic CD4-CD8- V alpha 2V beta 8.2+ TITLE:

anti-myelin basic protein rat T lymphocytes inhibit

disease induction.

Lider O; Miller A; Miron S; Hershkoviz R; Weiner H L; AUTHOR:

Zhang

X M; Heber-Katz E

CORPORATE SOURCE: Department of Cell Biology, Weizmann Institute of Science,

Rehovot, Israel.

JOURNAL OF IMMUNOLOGY, (1991 Aug 15) 147 (4) 1208-13. SOURCE:

Journal code: 2985117R. ISSN: 0022-1767.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Abridged Index Medicus Journals; Priority Journals FILE SEGMENT:

199109 ENTRY MONTH:

Entered STN: 19911006 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19910916

ANSWER 29 OF 124 MEDLINE

MEDLINE ACCESSION NUMBER: 91161691

91161691 FubMed ID: 1705946 DOCUMENT NUMBER:

Cytotoxic effects of myelin basic protein-reactive T cell TITLE:

hybridoma cells on oligodendrocytes. Kawai K; Heber-Katz E; Zweiman B

CORPORATE SOURCE: Department of Neurology, University of Pennsylvania School

of Medicine, Philadelphia 19104-6057.

NS11036 (NINDS) CONTRACT NUMBER:

PO1 NS11037 (NINDS)

JOURNAL OF NEUFOIMMUNOLOGY, (1991 Apr) 32 (1) 75-81. SOURCE:

Journal code: 8109498. ISSN: 0165-5728.

PUB. COUNTRY: Netherlands
LOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English

LANGUAGE: FILE SEGMENT: Priority Journals

199104 ENTRY MONTH:

Entered STN: 19910505 ENTRY DATE:

Last Updated on STN: 19960129 Entered Medline: 19910417

MEDLINE ANSWER 30 OF 124

MEDLINE

ACCESSION NUMBER: 91079587

DOCUMENT NUMBER: 91079587 PubMed ID: 1701801 DOCUMENT NUMBER:

Characterization of a new, potent, immunopathogenic TITLE:

epitape

in S-antigen that elicits T cells expressing V beta 8 and

alpha 2-like genes.

Merryman C F; Donoso L A; Zhang X M; Heber-Katz E AUTHOP:

; Gregerson D S

Department of Brochemistry, Jefferson Medical College, COPPORATE SOURCE:

Thomas Jefferson University, Philadelphia, PA 19107.

EY05095 (NEI) CONTRACT NUMBER:

EY07610 (NEI) NS11086 (NINDS)

JOURNAL OF IMMUNOLOGY, (1991 Jan 1) 146 (1) 75-80. SOUPCE:

Journal code: 2985117R. ISSN: 0022-1767.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Abridged Index Medicus Journals; Priority Journals FILE SEGMENT:

199101 ENTRY MONTH:

Entered STN: 19910322 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19910128

MEDITNE ANSWER 31 OF 124

ACCESSION NUMBER: 91070846 MEDLIME

PubMed ID: 1983968 91070846 DOCUMENT NUMBER:

Conserved T cell receptor V gene usage by uveitogenic T TITLE:

cells.

Gregerson D S; Fling S P; Merryman C F; Zhang X M; Li X B; AUTHOR:

Heber-Katz E

Department of Ophthalmology, University of Minnesota, CORPORATE SOURCE:

Minneapolis 55455.

EY05417 (NEI) CONTRACT NUMBER:

NS11086 (NINDS) CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, (1991 Jan) 58 (1) SOURCE:

154-61.

Journal code: 0356637. ISSN: 0090-1229.

United States PUB. COUNTRY:

Journal; Article; (JOUPNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Friority Journals FILE SEGMENT:

199101 ENTRY MONTH:

Entered STN: 19910308 ENTRY DATE:

Last Updated on STN: 19910308 Entered Medline: 19910122

ANSWER 32 OF 124 MEDLINE

90357695 MEDLINE ACCESSION NUMBER:

PukMed ID: 2143872 90357695 DOCUMENT NUMBER:

Immunologic consequence of class II+ pancreatic islet TITLE:

allografts on recipient responsiveness.

Markmann J F; Barker C F; Lo D; Brinster R; Heber-Katz AUTHOR:

E; Naji A

Department of Surgery, University of Pennsylvania Medical CORPORATE SOURCE:

Center, Philadelphia 19104.

5Y32GM07170 (NIGMS) CONTRACT NUMBER:

DK26007 (NIDDK)

DK34878 (NIDDK)

TRANSFLANTATION PROCEEDINGS, (1990 Aug) 22 (4) 2052-3. SCURCE:

Journal code: 0243532. ISSN: 0041-1345.

PUB. COUNTRY:

United States Journal; Article: (JOUFNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199009 ENTRY MONTH:

Entered STN: 19901026 ENTRY DATE:

Last Updated on STN: 19901026 Entered Medline: 19900926

MED:LINE ANSWER 33 OF 124

ACCESSION NUMBER: 90336334 MEDLINE

90336334 PubMed ID: 2484251 DOCUMENT NUMBER:

A new hierarchy of TCR specificity: autoimmune diseases TITLE:

are

defined by particular V alpha V beta combinations and not

by antigen specificity.

Heber-Katz E

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

Pennsylvania 19104.

NS-11036 (NINDS) CONTRACT NUMBER:

COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY, SOURCE:

(1989)

54 Pt 2 875-3.

Journal code: 1256107. ISSN: 0091-7451.

PUE. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English LAI:GUAGE:

Priority Journals FILE SEGMENT:

199009 ENTRY MONTH:

Entered STN: 19901012 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19900913

MEDLINE ANSWER 34 OF 124

MEDLINE ACCESSION NUMBER: 90168093

FubMed ID: 1689623 90168093 DOCUMENT NUMBER:

The autoimmune T cell receptor: epitopes, idiotopes, and TITLE:

malatopes. Heber-Katz E

CORPORATE SOURCE: Wistar Institute, Philadelphia, Pennsylvania 19104.

CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, (1990 Apr) 55 (1) SCURCE:

1-8. Ref: 36

Journal code: 0356637. ISSN: 0090-1229.

United States PUB. COUNTRY:

Journal; Article; (JOUFNAL ARTICLE) DOCUMENT TYPE:

General Review; (PEVIEW)

(REVIEW, TUTORIAL)

English LANGUAGE:

Priority Journals FILE SEGMENT:

199004 ENTRY MONTH:

Entered STN: 19900601 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19900405

MEDLINE ANSWER 35 OF 124

MEDLINE ACCESSION NUMBER: 90063034

PubMed ID: 2479681 90063034 DOCUMENT NUMBER:

Determinants of human myelin basic protein that induce TITLE:

encephalitogenic T cells in Lewis rats.

Vandenbark A A; Hashim G A; Celnik B; Galang A; Li X B; AUTHOP:

Heber-Katz E; Offner H

Neuroimmunology Research, VA Medical Center, Portland, OR CORPORATE SOURCE:

97201.

NS-21466 (NINDS) CONTRACT NUMBER:

NS-23221 (NINDS) NS-23444 (NINDS)

JOURNAL OF IMMUNOLOGY, (1989 Dec 1) 143 (11) 3512-6. SCURCE:

Journal code: 2985117P. ISSN: 0022-1767.

United States PUB. COUNTPY:

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

LANGUAGE:

Abridged Index Medicus Journals; Priority Journals FILE SEGMENT:

199001 ENTRY MONTH:

Entered STN: 19900328 ENTRY DATE:

Last Updated on STN: 20000393 Entered Medline: 19900105

MEDLINE ANSWEP 36 OF 124

ACCESSION NUMBER: 89361265 MEDLINE

DOCUMENT NUMBER: 89361265 PubMed ID: 2475577

Lack of immunodominance in the T cell response to herpes TITLE:

simplex virus glycoprotein D after administration of

infectious virus.

Yamashıta K; **Heber-Katz E** 

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

Pennsylvania 19104.

CONTRACT NUMBER: AI-22528 (NIAID)

JOURNAL OF EXPERIMENTAL MEDICINE, (1989 Sep 1) 170 (3) SOUPCE:

997-1002.

Journal ccde: 2985109R. ISSN: 0022-1007.

FUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals ENTRY MONTH: 198910

Entered STN: 19900309 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19891003

MEDLINE ANSWER 37 OF 124

ACCESSION NUMBER: 89328317 MEDLINE

89328317 PubMed ID: 2474052 DOCUMENT NUMBER:

T cell determinants of myelin basic protein include a TITLE:

unique encephalitogenic I-E-restricted epitope for Lewis

rats.

Offner H; Hashim G A; Celnik B; Galang A; Li X B; Burns F AUTHOR:

R; Shen N; Heber-Katz E; Vandenbark A A

Veterans Administration Medical Center, Portland, Oregon CORPORATE SOURCE:

97201.

NS-21466 (NINDS) CONTRACT NUMBER:

NS-23221 (NINDS) NS-23444 (NINDS)

JOURNAL OF EMPERIMENTAL MEDICINE, (1989 Aug 1) 170 (2) SOURCE:

355-67.

Journal code: 2985109R. ISSN: 0022-1007.

United States PUB. COUNTRY:

Journal; Article; (JOUPNAL ARTICLE) DOCUMENT TYPE:

English

Priority Journals FILE SEGMENT:

198909 ENTRY MONTH:

Entered STN: 19900309 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 1989)905

ANSWER 38 OF 124 MEDLINE

ACCESSION NUMBER: 89302583 MEDLINE

DOCUMENT NUMBER: 89302583 FubMed ID: 6101061

The Ia molecule of the antigen-presenting cell plays a TITLE:

critical role in immune response gene regulation of T cell

activation.

Heber-Katz E; Hansburg D; Schwartz R H

CORPORATE SOURCE: Laboratory of Immunology, National Institutes of Allergy

and Infectious Diseases, Bethesda, MD 20205.

JCURNAL OF MOLECULAR AND CELLULAR IMMUNOLOGY, (1983) 1 (1) SOURCE:

3-18.

Journal code: 8405005. ISSN: 0724-6803.

United States PUB. COUNTRY:

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English LANGUAGE:

Priority Journals FILE SEGMENT:

198908 ENTRY MONTH:

Entered STN: 19900309 ENTRY DATE:

Last Updated on STN: 19300309 Entered Medline: 19890821

ANSWER 39 OF 124 MEDLINE

MEDLINE ACCESSION NUMBEF: 89302580

89302580 PubMed ID: 2663017 DOCUMENT NUMBER:

The V-region disease hypothesis: evidence from autoimmune TITLE:

encephalomyelitis.

Heber-Katz E; Acha-Orbea H AUTHOR:

AI007757 (NIAID) CONTRACT NUMBER:

NS 11086 (NINDS) NS 18235 (NINDS)

IMMUNOLOGY TODAY, (1989 May) 10 (5) 164-9. Ref: 41 SCURCE:

Journal code: 8006346. ISSN: 0167-5699.

FUB. COUNTRY:

ENGLAND: United Kingdom Journal: Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

General Review; (REVIEW)

(REVIEW, ACADEMIC)

English LANGUAGE:

Priority Journals FILE SEGMENT:

198908 ENTRY MONTH:

Entered STN: 19900309 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19890822

MEDIJINE ANSWER 40 OF 124

ACCESSION NUMBER: 89086963 MEDLINE

PubMed ID: 2462833 89086963 DOCUMENT NUMBER:

Clonal modulation of experimental allergic TITLE:

encephalomyelitis by a monoclonal antibody directed to the

T-cell receptor.

Heber-Katz E; Owhashi M; Happ M P; Burns F; Shen AUTHOR:

N; Li ∷

Wistar Institute, Philadelphia, Pennsylvania 19104. CORPORATE SOURCE:

ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, (1988) 540 SOUPCE:

576-7.

Journal code: 7506858. ISSN: 0077-8923.

United States

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOUPNAL ARTICLE)

English

English LANGUAGE:

Priority Journals FILE SEGMENT:

198902 ENTRY MONTH:

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19890208

MELLINE ANSWER 41 OF 124

ACCESSION NUMBER: 89080488 MEDLINE DOCUMENT NUMBER: 89080488 PubMed ID: 2462609

Both rat and mouse T cell receptors specific for the TITLE:

encephalitogenic determinant of myelin basic protein use

similar V alpha and V beta chain genes even though the major histocompatibility complex and encephalitogenic

determinants being recognized are different.

Burns F R; Li X B; Shen N; Offner H; Chou Y K; Vandenbark AUTHOP:

А

A; Heber-Katz E

Wistar Institute of Anatomy and Biology, Philadelphia, CORPORATE SOURCE:

Pennsylvania 19104.

NS-11036 (NINDS) CONTRACT NUMBER:

NS-23221 (NINDS) NS-23444 (NINDS)

JOURNAL OF EXPERIMENTAL MEDICINE, (1989 Jan 1) 169 (1) SOUPCE:

27-39.

Journal code: 2985109R. ISSN: 0022-1007.

United States PUB. COUNTRY:

Journal; Article; (JOUPNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT: GENBANK-Y00803 OTHER SOURCE:

198902 ENTRY MONTH:

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19890209

MEDLINE ANSWER 42 OF 124

ACCESSION NUMBER: 89067823 MEDLINE DOCUMENT NUMBER: 89067823 PubMed ID: 2462007

Protection from experimental allergic encephalomyelitis TITLE:

conferred by a mcnoslonal antibody directed against a shared idiotype on rat T cell receptors specific for

myelin

basic protein.

Owhashi M; Heber-Katz E

CORPORATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia,

Pennsylvania 19104.

NS-11036 (NINDS)

CONTRACT NUMBER: JOURNAL OF EXPERIMENTAL MEDICINE, (1988 Dec 1) 168 (6) SOURCE:

2153-64.

Journal code: 2985109P. ISSN: 0022-1007.

DOCUMENT TYPE: Journal; Articles
LANGUAGE: Journal; Article; (JOUPNAL ARTICLE)

Priority Journals FILE SEGMENT:

198901 ENTRY MONTH:

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19890117

ANSWER 43 OF 124 MEDLINE

ACCESSION NUMBER: 89057143 MEDLINE

89057143 PubMed ID: 3143077 DOCUMENT NUMBER:

Antigen presenting function of class II MHC expressing TITLE:

pancreatic beta cells.

Markmann J; Lo D; Naji A; Falmiter R D; Brinster R L; AUTHOR:

Heber-Katz E

Department of Surgery, School of Medicine, University of CORFGRATE SOURCE:

Pennsylvania, Philadelphia 19104.

NATURE, (1988 Dec 1) 336 (6198) 476-9. SOUPCE: Journal code: 0410462. ISSN: 0028-0836.

ENGLAND: United Kingdom PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198901 ENTRY MONTH:

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 19900308 Entered Medline: 19890103

MEDLINE ANSWER 44 OF 124

ACCESSION NUMBER: 88315748 MEDLINE

DOCUMENT NUMBER: 88315748 PubMed ID: 2457618 Genetic control of the development of experimental TITLE:

allergic

encephalomyelitis in rats. Separation of MHC and non-MHC

gene effects.

Happ M P; Wettstein P; Dietzschold B; Heber-Katz E

CCPPOPATE SOURCE: Wistar Institute of Anatomy and Biology, Philadelphia, PA

19104.

CONTRACT NUMBER: NS-11036 (NINDS)

JOURNAL OF IMMUNOLOGY, (1988 Sep 1) 141 (5) 1489-94. SOURCE:

Journal code: 2985117F. ISSN: 0022-1767.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOUFNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals ENTRY MONTH: 198809

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19880926

MEDLINE ANSWER 45 OF 124

ACCESSION NUMBER: 88315332 MEDLINE
DOCUMENT NUMBER: 88315332 PubMed ID: 2457602

The autoreactive T cell population in experimental TITLE:

allergic

encephalomyelitis: T cell receptor beta-chain

rearrangements.

Happ M P; Kiraly A S; Cffner H; Vandenbark A; AUTHOR:

Heber-Katz E

CORPORATE SOURCE: Wistar Institute, Philadelphia, PA 19104. CONTRACT NUMBER: NS-11036 (NINDS)

NS-23221 (NINDS) NS-23444 (NINDS)

JOURNAL OF NEUROIMMUNOLOGY, (1988 Sep) 19 (3) 191-204. SOURCE:

Journal code: 8109498. ISSN: 0165-5728.

Netherlands PUB. COUNTRY:

PUB. COUNTRY:

DOCUMENT TYPE:

LANGUAGE:

Netherlands

Journal; Article; (JOURNAL ARTICLE)

English

LANGUAGE:

Priority Journals FILE SEGMENT: ENTRY MONTH:

198810

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19881003

MEDLINE ANSWER 46 OF 124

ACCESSION NUMBER: 88284726 MEDLINE

88284726 PubMed ID: 3260890 DOCUMENT NUMBER:

A simple technique to distinguish rat from mouse TITLE:

chromosomes in T cell hybridomas.

Simon D; Valentine S; Heber-Katz E; Knowles B B AUTHOR:

CORPORATE SOURCE: Albert Einstein Medical Center, Department of Obstetrics

and Gynecology, Philadelphia, PA 19141.

CA 10815 (NCI) CONTRACT NUMBER:

CA 18470 (NCI)

HYBRIDOMA, (1988 Jun) 7 (3) 301-7. SOUPCE:

Journal code: 8202424. ISSN: 0272-457X.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) LOCUMENT TYPE:

English LANGUAGE:

Priority Journals LANGUAGE.
FILE SEGMENT:

198809 ENTRY MONTH:

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19880902

MEDLINE ANSWER 47 OF 124

ACCESSION NUMBER: 88154740 MEDLINE

DOCUMENT NUMBER: 88154740 PubMed ID: 2450161

Differences in the repertoire of the Lewis rat T cell response to self and non-self myelin basic proteins. TITLE:

Happ M P; Heber-Katz E

CORPORATE SOURCE: Wistar Institute, Philadelphia, Pennsylvania 19104.

CONTRACT NUMBER: NS-11036 (NINDS)

JOURNAL OF EXPERIMENTAL MEDICINE, (1988 Feb 1) 167 (2) SOURCE:

502-13.

Journal code: 2985109F. ISSN: 0022-1007.

FUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English LANGUAGE:

Priority Journals FILE SEGMENT:

198304 ENTRY MONTH:

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19880413

MEDLINE ANSWER 48 OF 124

MEDLINE ACCESSION NUMBER: 88154724

FubMed ID: 2450157 83154724 COCUMENT NUMBER:

Overlapping T cell antigenic sites on a synthetic peptide TITLE:

fragment from herpes simplex virus glycoprotein D, the degenerate MHC restriction elicited, and functional

evidence for antigen-Ia interaction.

Heber-Katz E; Valentine S; Dietzschold B; AUTHOR:

Burns-Purzycki C

Wistar Institute of Anatomy and Biology, Philadelphia, CORPORATE SOURCE:

Pennsylvania 19104.

AI-22528 (NIAIL) CONTRACT NUMBER:

NS-11036 (NINDS)

JOURNAL OF EXPERIMENTAL MELICINE, (1988 Feb 1) 167 (2) SOURCE:

275-37.

Journal code: 2985109P. ISSN: 0022-1007.

United States PUB. COUNTPY:

Journal; Article; (JOUPNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198804 ENTRY MONTH:

Entered STN: 19900308 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19880413

MEDLINE ANSWER 49 OF 124

ACCESSION NUMBER: 88097448 MEDLINE

88097448 PubMed ID: 3480536 DOCUMENT NUMBER:

Induction of protective immunity against rabies by TITLE: immunization with rabies virus ribonucleoprotein.

Dietzschold B; Wang H H; Rupprecht C E; Celis E; Tollis M; AUTHOR:

Ertl H; Heber-Katz E; Koprowski H

Wistar Institue of Anatomy and Biology, Philadelphia, PA COPPORATE SOURCE:

19104.

AI-09706-16 (NIAID) CONTRACT NUMBER:

AI-22528 (NIAID)

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE SOURCE:

UNITED STATES OF AMERICA, (1987 Dec) 84 (24) 9165-9.

Journal code: 7505876. ISSN: 0027-8424.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198802 ENTRY MONTH:

Entered STN: 19900305 ENTRY DATE:

Last Updated on STN: 19970103 Entered Medline: 19880220

MEDLINE ANSWER 50 OF 124

ACCESSION NUMBER: 87139800 MEDLINE

PubMed ID: 3029270 DOCUMENT NUMBER: 87139830

A synthetic pertide induces long-term protection from TITLE:

lethal infection with herres simplex virus 2.

Watari E; Dietzschold B; Szckan G; Heber-Katz E AUTHOR:

CONTRACT NUMBER: AI-22528 (NIAID)

NS-11036 (NINDS)

JOURNAL OF EXPERIMENTAL MEDICINE, (1987 Feb 1) 165 (2)

459-70.

Journal code: 2985109F. ISSN: 0022-1007.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE:

English LANGUAGE:

FILE SEGMENT: Priority Journals ENTRY MONTH: 198704

ENTRY MONTH:

Entered STN: 19900303 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19870413

AMSWER 51 OF 124 MEDLINE

ACCESSION NUMBER: 87052944 MEDLINE

FubMed ID: 3022991 87052944 DOCUMENT NUMBER:

Immune response to synthetic herpes simplex virus TITLE:

peptides:

the feasibility of a synthetic vaccine.

Heber-Katz E; Dietzschold B AUTHOR:

CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, (1986) 130 SOURCE:

51-64.

Journal code: 0110513. ISSN: 0070-217X.

PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals

198701 ENTRY MONTH:

Entered STN: 19900302 ENTRY DATE:

Last Updated on STN: 19900302 Entered Medline: 19870112

MEDLINE ANSWER 52 OF 124

ACCESSION NUMBER: 86195671 MEDLINE

86185671 PubMed ID: 6336258

DOCUMENT NUMBER: Considerations in the design of a peptide antigen specific TITLE:

for T cells.

Heber-Katz E; Hollos: M; Hudecz F; Fasman G; AUTHOR:

Dietzschold B

AI-09706 (NIAID) CONTRACT NUMBER:

NS-11036 (NINDS)

ANNALI SCLAVO. COLLANA MONOGRAFICA, (1984) 1 (2) 119-28. SOURCE:

Journal code: 8701688. ISSN: 0003-472X.

Italy FUB. COUNTRY:

Journal; Article; (JOUFNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198605 ENTRY MONTH:

Entered STN: 19900321 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19860509

ANSWER 53 OF 124 MEDLINE

MEDLINE 86081728 ACCESSION NUMBER:

86081728 PubMed ID: 3935430

Tissue-specific, inducible and functional expression of DOCUMENT NUMBER: TITLE:

E alpha d MHC class II gene in transgenic mice. the

Pinkert C A; Widera G; Cowing C; Heber-Katz E; AUTHOR:

Palmiter R D; Flavell R A; Brinster R L

AI-16044 (NIAID) CONTRACT NUMBER:

HD-09172 (NICHD) HD-17321 (NICHD)

EMBO JOURNAL, (1985 Sep) 4 (9) 2225-30. Journal code: 8208664. ISSN: 0261-4189. SOURCE:

PUB. COUNTRY:

ENGLAND: United Kingdom Journal; Article; (JOURNAL ARTICLE) English DOCUMENT TYPE:

LANGUAGE:

Priority Journals FILE SEGMENT:

198602 ENTRY MONTH:

Entered STN: 19300321 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19860207

MEDLINE L5 ANSWER 54 OF 124

ACCESSION NUMBER: 85235581 MEDLINE

85235581 PubMed ID: 2409148 DOCUMENT NUMBER:

The T cell response to the glycoprotein D of the herpes simplex virus: the significance of antigen conformation. TITLE:

Heber-Katz E; Hollosi M; Lietzschold B; Hudecz F;

: ACHTUA

Fasman G D

AI-09706 (NIAIR) CONTRACT NUMBER:

NS-11036 (NINDS)

JOURNAL OF IMMUNOLOGY, (1985 Aug) 135 (2) 1385-90. SOURCE:

Journal code: 2985117R. ISSN: 0022-1767.

FUB. COUNTRY: United States
FOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English

Abridged Index Medicus Journals; Priority Journals LANGUAGE: FILE SEGMENT:

198508 ENTRY MONTH:

Entered STN: 19900320 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19850819

ANSWER 55 OF 124 MEDLINE

ACCESSION NUMBER: 85113230 WEDLINE

85113230 PubMed II: 2578667

DOCUMENT NUMBER: Rearrangement and transcription of a T-cell receptor TITLE:

beta-chain gene in different T-cell subsets.

Hedrick S M; Germain R N; Bevan M J; Dorf M; Engel I; Fink AUTHOR:

P; Gascoigne N; Heber-Katz E; Kapp J; Kaufmann Y;

AI-15353 (NIAID) CONTRACT NUMBER:

AI-20320 (NIAID) AI-21372 (NIAID)

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE SOURCE:

UNITED STATES OF AMERICA, (1985 Jan) 82 (2) 531-5.

Journal code: 7505876. ISSN: 0027-8424.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198503 ENTRY MONTH:

Entered STN: 19900320 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19850301

MEDLINE ANSWER 56 OF 124

MEDLINE ACCESSION NUMBER: 83240461

PubMed ID: 6190979 83240461

Major histocompatibility complex-controlled, DOCUMENT NUMBER:

antigen-presenting cell-expressed specificity of T cell TITLE:

antigen recognition. Identification of a site of interaction and its relationship to Ir genes.

Hansburg D; Heber-Katz E; Fairwell T; Appella E JOURNAL OF EXPERIMENTAL MEDICINE, (1983 Jul 1) 158 (1) AUTHOR:

SOURCE:

Journal code: 2985109R. ISSN: 0022-1007.

PUB. COUNTRY:

United States Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198308 ENTRY MONTH:

Entered STN: 19900319 ENTRY DATE:

Last Updated on STN: 19900319 Entered Medline: 19830826

MEDLINE ANSWER 57 OF 124

ACCESSION NUMBER: 83025072 MEDLINE

PubMed ID: 6181895 83025072

The fine specificity of antigen and Ia determinant DOCUMENT NUMBER: TITLE:

recognition by T cell hybridoma clones specific for pigeon

Hedrick S M; Matis L A; Hecht T T; Samelson L E; Longo D AUTHOR:

L;

Heber-Katz E; Schwartz R H

CELL, (1982 Aug) 30 (1: 141-52. SOURCE:

Journal code: 0413066. ISSN: 0092-8674.

United States Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198212

ENTRY MONTH: Entered STN: 19900317

Last Updated on STN: 19900317 ENTRY DATE: Entered Medline: 19821218

MEDLINE L5 ANSWER 58 OF 124

MEDLINE ACCESSION NUMBER: 82234876

PubMed ID: 6178555

The effect of antigen presentation on the fine specificity DOCUMENT NUMBER: TITLE:

of anti-cytochrome c T cell hybridomas.

Heber-Katz E; Hansburg D; Schwartz R H AUTHOR:

CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, (1982) 100 SOURCE:

Journal code: 0110513. ISSN: 0070-217X.

GERMANY, WEST: Germany, Federal Republic of PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198209

ENTRY MONTH:

Entered STN: 19900317 ENTRY DATE:

Last Updated on STN: 19900317 Entered Medline: 19830924

MEDLINE ANSWER 59 OF 124

MEDLINE ACCESSION NUMBER: 82144285

FubMed ID: 6174670 82144285

Contribution of antigen-presenting cell major DOCUMENT NUMBER: histocompatibility complex gene products to the TITLE:

specificity

of antigen-induced T cell activation.

Heber-Katz E; Schwartz P H; Matis L A; Hannum C; AUTHOR:

Fairwell T; Appella E; Hansburg D

JOURNAL OF EXPERIMENTAL MEDICINE, (1982 Apr 1) 155 (4) AI-12.001 (NIAIL) CONTRACT NUMBER: SOURCE:

Journal code: 2985109R. ISSN: 0022-1007. 1086-99.

United States

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English

LANGUAGE: Priority Journals

FILE SEGMENT:

198205 ENTRY MONTH:

Entered STN: 19900317 Last Updated on STN: 19970203 ENTRY DATE:

Entered Medline: 19820521

MEDLINE ANSWER 60 OF 124

ACCESSION NUMBER: 82143853 MEDLINE

82143853 PubMed ID: 7199547

Use of a solid-phase 3H-radioimmunoassay for the DOCUMENT NUMBER: measurement of immunoglobulin produced in short-term TITLE:

cultures of antibody-secreting cells.

Mongini P K; Heber-Katz E

JOURNAL OF IMMUNOLOGICAL METHODS, (1982) 49 (1) 39-52. AUTHOR: SOURCE:

Journal code: 1305440. ISSN: 0022-1759.

PUE. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English LANGUAGE:

Priority Journals FILE SEGMENT:

198205

Entered STN: 19900317 ENTRY MONTH: ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19820521

MEDLINE ANSWER 61 OF 124

ACCESSION NUMBER: 81241325 MEDLINE

PubMed ID: 7252415 81241325

Idiotype-anti-idiotype regulation. I. Immunization with a DOCUMENT NUMBER: levan-binding myeloma protein leads to the appearance of TITLE:

auto-anti-(anti-idiotype) antibodies and to the activation

of silent clones.

Bona C A; Heber-Katz E; Paul W E

JOURNAL OF EXPERIMENTAL MEDICINE, (1981 Apr 1) 153 (4) AUTHOR: SOUPCE:

951-67.

Journal code: 2985109R. ISSN: 0022-1007.

United States

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: PUB. COUNTRY:
DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

198109 ENTRY MONTH:

Entered STN: 19900316 ENTRY DATE:

Last Updated on STN: 19900316 Entered Medline: 19810922

MEDLINE ANSWER 62 OF 124

L5 ANSWER 62 OF 12.
ACCESSION NUMBER: 80138598 MEDLINE
RCCESSION NUMBER: 80138598 PubMed ID: 6965694

80138598

TMP-coupled membranes stimulate T cell proliferation via DOCUMENT NUMBER: TITLE:

the macrophage.

Heber-Katz E; Shevach E M AUTHOR:

JOURNAL OF IMMUNICLOGY, (1980 Mar) 124 (3) 1503-5. SOURCE:

Journal code: 2985117F. ISSN: 0022-1767.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English
Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 198005
ENTRY DATE: Entered STN: 19900315

Last Updated on STN: 19900315 Entered Medline: 19800514

MEDLINE ANSWER 63 OF 124

MEDLINE 77244971 ACCESSION NUMBER:

PubMed ID: 70304

On the possibility of multiple t-cell receptors. DOCUMENT NUMBER: Wilson D B; Heber-Katz E; Sprent J; Howard J C COLD SPRING HARBOP SYMPOSIA ON QUANTITATIVE BIOLOGY, TITLE: AUTHOR: SOUF CE:

(1977)

41 Pt 2 559-61.

Journal code: 1256107. ISSN: 0091-7451.

United States

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

197710 ENTRY MONTH:

Entered STN: 19900314

Last Updated on STN: 1990)314 ENTRY DATE: Entered Medline: 19771020

MEDITINE ANSWEP 64 OF 124

MEDLINE 76121749 ACCESSION NUMBER:

PubMed ID: 55462

Sheep red blood cell-specific helper activity in rat DOCUMENT NUMBER: TITLE:

thoracic duct lymphocyte populations positively selected for reactivity to specific strong histocompatibility

alloantigens.

Heber-Katz E; Wilson D B

JOURNAL OF EXFERIMENTAL MEDICINE, (1976 Mar 1) 143 (3) AUTHOR: SOURCE:

7(11-6.

Journal code: 2985109R. ISSN: 0022-1007.

United States

Journal; Article; (JOURNAL ARTICLE) FUB. COUNTRY: DOCUMENT TYPE:

Abridged Index Medicus Journals; Priority Journals English LANGUAGE: FILE SEGMENT:

197604

ENTRY MONTH: Entered STN: 19900313 ENTRY DATE:

Last Updated on STN: 19950206 Entered Medline: 19760427

MEDLINE ANSWER 65 OF 124

MEDLINE 76047307 ACCESSION NUMBER:

76047307 PubMed ID: 52686

Collaboration of allogeneic T and B lymphocytes in the DOCUMENT NUMBER: primary antibody response to sheep erythrocytes in vitro. TITLE:

Heber-Katz E; Wilson D B

JOURNAL OF EXPERIMENTAL MEDICINE, (1975 Oct 1) 142 (4) AUTHOR: SOURCE:

Journal code: 2985109R. ISSN: 0022-1007.

United States

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

Abridged Index Medicus Journals; Priority Journals English LANGUAGE: FILE SEGMENT:

197601

ENTRY MONTH: Entered STN: 19900313 ENTRY DATE:

Last Updated on STN: 19900313 Entered Medline: 19760117

MEDITINE Aliswer 66 of 124

MEDLINE ACCESSION NUMBER: 73072930

PubMed ID: 4645593

Immune responses in vitro. V. Role of mercaptoethanol in DOCUMENT NUMBER: TITLE:

the mixed-leukocyte reaction.

Heber-Katz E; Click R E

CELLULAR IMMUNOLOGY, (1972 Nov) 5 (3) 410-8. AUTHOR: SOURCE:

Journal code: 1246405. ISSN: 0008-8749.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English LANGUAGE:

FILE SEGMENT: Priority Journals

197303 ENTRY MONTH:

Entered STN: 19900310 ENTRY DATE:

Last Updated on STN: 19970203 Entered Medline: 19730305

L5 ANSWER 67 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:657435 CAPLUS

134:206240

Experimental autoimmune meningitis as a model for DOCUMENT NUMBER: activation and differentiation of pathogenic T cells TITLE:

Perrin, Peter J.; Phillips, S. Michael; Pumbley,

Catherine A.; Clark, Lise; Heber-Katz, Ellen AUTHOR(S):

Department of Medicine, University of Pennsylvania School of Medicine, Philadelphia, PA, 19104, USA CORPORATE SOURCE:

Recent Research Developments in Immunology (1999), SOURCE:

1(Pt. 1), 197-207 CODEN: RRDIB8

Research Signpost

PUBLISHER: DOCUMENT TYPE:

LANGUAGE:

Journal: General Review English 74 THEPE ARE 74 CITE THERE ARE 74 CITED REFERENCES AVAILABLE FOR REFERENCE COUNT:

THIS

PECOFD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

ANSWER 68 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:529246 CAPLUS

131:168353

Identification of loci involved in accelerated wound DOCUMENT NUMBER: TITLE:

healing and the development of new wound healing

promoters

INVENTOR(S):

Heber-Katz, Ellen The Wistar Institute, USA PATENT ASSIGNEE(S): PCT Int. Appl., 136 pp. SOURCE:

CODEN: PIXXD2

Patent DOCUMENT TYPE: English LANGUAGE:

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO	).	KIND	DATE			PLIC							
WO 994136 WO 994136 W: A	54 54 AL, AM, DK, EE, KE, KG,	A2 A3 AT, AU ES, FI KF, KR	19990819 19991223 , AI, BA, , GB, GD, , KZ, LC,	BB, GE, LK,	BG, GH, LR,	ER, GM, LS,	BY, HR, LT,	CA, HU, LU,	CH, ID, LV,	MD, SK,	CU, IN, MG, SL,	MK, TJ,	MN, TM,
RW:	TR, TT, TJ, TM GH, GM, FI, FR,	WA, UG KE, LS GB, GF	, US, US, MW, SD, R, IE, IT,	SZ, LU,	UG,	ZW,	AT,	BE, SE,	CH, BF,	CY, BJ,	DE, CF,	DK, CG,	ES,
CA 23197	100 120	AA A1	I, ML, MR, 19990819 19990830 20001122 E, DK, ES,		P E GB,	AU 19 EP 19	199-2 199-9 IT,	0692 LI,	4 LU,	1999 NL,	0212 SE,	MC,	PT,
	IE, FI 503460	Т2	20020205		119	JP 20	000-5 -7473	3154 37P	15 A2	1999 1998 1998	90212 30213	: }	

US 1998-102051P A2 19980928 WC 1999-US2962 W 19990212

ANSWER 69 OF 124 CAPLUS COPYPIGHT 2002 ACS

ACCESSION NUMBER: 1995:632530 CAPLUS DOCUMENT NUMBER: 123:53671

Antigen presentation of self antigens Paterson, Yvonne: Heber-Katz, Ellen TITLE:

AUTHOR(8).

CORPORATE SOURCE: Dep. Microbiology, Univ. Fennsylvania, Philadelphia,

PA, 19104, USA

Molecular Pathology of Autoimmune Diseases (1993), SOURCE:

83-99. Editor(s): Bona, Constantin A.; et al.

Harwood: Char, Switz.

CODEN: 61FBAP

Conference: General Review DOCUMENT TYPE:

English LANGUAGE:

ANSWER 70 OF 124 CAPLUS COPYFIGHT 2002 ACS 1995:551311 CAPLUS

ACCESSION NUMBER: 123:7326

DOCUMENT NUMBER:

B- and T-dell epitope analysis in infectious TITLE:

diseases.

T-cell epitopes in herpes simplex virus 1 (HSV-1)

glycoprotein D (gD)

Heber-Katz, Ellen; Yamashita, Keizo Wistar Institute, Philadelphia, PA, USA AUTHOR(S):

Synth. Pept. Search B- T-Cell Epitopes (1994), COPPORATE SOURCE: SOURCE:

169-72.

Editor(s): Rajnavolgyi, Eva. Landes: Austin, Tex.

CODEN: 61ETAC

Conference; General Review DOCUMENT TYPE:

English LANGUAGE:

ANSWEP 71 OF 124 CAPLUS COPYPIGHT 2002 ACS

ACCESSION NUMBER: 1995:551308 CAPLUS

Synthetic peptides as T-cell epitopes. An alternative LOCUMENT NUMBER: TITLE:

view for the topographical orientation of the T-cell

receptor to the MHC-antigen complex

Tang, Kao M.; Ikegaki, Naohiko; Heber-Katz, AUTHOR(S):

Ellen

Wistar Institute, Philadelphia, PA, USA CORPORATE SOURCE:

Synth. Pert. Search B- T-Cell Epitopes (1994), SOURCE:

119-40.

Editor(s): Pajnavolgyi, Eva. Landes: Austin, Tex.

CODEN: 61ETAO

Conference; General Review DOCUMENT TYPE:

English LANGUAGE:

L5 ANSWER 72 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1994:189262 CAFLUS

Nucleotide sequences of three new members of the DOCUMENT NUMBER: TITLE:

mouse V.alpha.2 gene family

Tang, X. X.; Ikegaki, N.; Heber-Katz, E. Immunol. Grad. Group, Univ. Pennsylvania, AUTHOR(S):

COPPORATE SOURCE: Philadelphia, PA, 19140, USA

Mclecular Immunology (1994), 31(1), 79-82 SCUPCE:

CODEN: MOIMD5; ISSN: 0161-5890

Journal DOCUMENT TYPE: English LANGUAGE:

ANSWER 73 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:624042 CAPLUS DOCUMENT NUMBER: 119:224042

The V-region disease hypothesis: New evidence TITLE:

it is probably wrong. Reply to comments

suggests Heber-Katz, Ellen; Acha-Orbea, Hans

Wistar Inst., Philadelphia, PA, 19104, USA AUTHOR(S):

Immunology Today (1993), 14(8), 380-2 CORPORATE SOURCE:

CODEN: IMTOD8; ISSN: 0167-4913 SOURCE:

Journal DOCUMENT TYPE: English

LANGUAGE:

ANSWER 74 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:446807 CAPLUS

In vivo expression of inducible nitric oxide synthase DOCUMENT NUMBER: TITLE:

in experimentally induced neurologic diseases: [Erratum to document cited in CA118(25):252591e]

Koprowski, Hilary; Zheng, Yong Mu; Heber-Katz, Ellen: Fraser, Nigel: Rorke, Lucy: Fu, Zhen Fang; AUTHOP(S):

Hanlon, Cathleen; Dietzschold, Bernhard

Cent. Neurovirol., Thomas Jefferson Univ., CORPORATE SOURCE:

Philadelphia, PA, 19107, USA

Proceedings of the National Academy of Sciences of SOURCE:

the

United States of America (1993), 90(11), 5378 CODEN: PNASA6; ISSN: 0027-8424

Journal DOCUMENT TYPE: English LANGUAGE:

ANSWER 75 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:210856 CAPLUS

The autoreactive T cell receptor: Structure and DOCUMENT NUMBER:

biological activity

AUTHOR(S):

COPPORATE SOURCE:

SOURCE:

Heber-Katz, Ellen
Wistar Inst., Philadelphia, PA, 19104, USA
Wistar Inst., Philadelphia, PA, 19104, USA
NATO ASI Series, Series A: Life Sciences (1992),

233(T Lymphocytes), 145-51 CODEN: NALSDJ; ISSN: 0253-1213

Journal; General Review DOJUMENT TYPE:

English LANGUAGE:

ANSWER 76 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:78751 CAPLUS DOCUMENT NUMBER: 118:78751

Peptides as molecular probes of immune responses

Heber-Katz, Ellen: Ertl, Hildegund C. J. CORPORATE SOURCE: Wistar Inst., Philadelphia, PA, 19104, USA
Biomedical Applications of Biotechnology (1993), TITLE:

1(Biol. Act. Pept.), 269-87

CODEN: BAPBER; ISSN: 1068-7408

Journal; General Review DOCUMENT TYPE:

English LANGUAGE:

ANSWER 77 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1992:424334 CAPLUS
DOCUMENT NUMBER: 117:24334
TITLE: The autoimmune T-cell receptor in experimental TITLE:

disease Heber-Katz, Ellen

AUTHOR(S):

COPPORATE SOURCE:

Wistar Inst., Philadelphia, PA, USA

Wistar Inst., Philadelphia, PA, USA

Immunology Series (1992), 55 (Mol. Immunobiol.

Self-Peast.), 155-69

CODEN: IMSED7; ISSN: 0092-6019

Journal; General Review English DOCUMENT TYPE:

LANGUAGE:

ANSWER 78 OF 124 CAPLUS COPYRIGHT 2002 ACS

1990:529471 CAPLUS ACCESSION NUMBER:

A transgenic model for tissue specific antigens: 113:229471 DOCUMENT NUMBER:

tolerance and clonal anergy

TITLE: Lo, David; Burkly, Linda; Markmann, James;

Heber-Katz, Ellen; Naji, Ali; Flavell, AUTHOR(S):

Richard; Palmiter, Richard; Brinster, Ralph L.

Sch. Vet. Med., Univ. Pennsylvania, Philadelphia, PA,

CORPORATE SOURCE:

UCLA Symp. Mol. Cell. Biol., New Ser. (1990), SOUPCE:

113 (Immunegenicity), 187-94 CCDEN: USMBD 5; ISSN: 0735-9543

Journal DOCUMENT TYPE: English LANGUAGE:

AMISWEP 79 OF 124 CAPLUS COPYRIGHT 2002 ACS 1990:550117 CAPLUS ACCESSION NUMBER:

Synthetic branched polypeptides as carriers for DOCUMENT NUMBER: low-molecular-weight antigens: correlation between TITLE:

chemical structure and biological functions

Rajnavolgyi, E.; Hudecz, F.; Mezo, G.; Watari, E.; Heber-Katz, E.; Gaal, D.; Kurucz, I.; AUTHOR(S):

Szekerke, M.; Gergely, J. Dep. Immunol., L. Eotvos Univ., God, H-2131, Hung.

Chim. Oggi (1990), 8(4), 21-8 CORPORATE SOURCE: CODEN: CHOGDS; ISSN: 0392-839X SOURCE:

Journal; General Review DOCUMENT TYPE:

English LANGUAGE:

L5 ANSWER 80 OF 124 CAPLUS COPYPIGHT 2002 ACS

ACCESSION NUMBER: 1989:21980 CAPLUS

DOCUMENT NUMBER: Pathways to presentation

Heber-Katz, Ellen; Watari, Eiji; TITLE: AUTHOR(S):

Dietzschold, Bernhard

Wistar Inst., Philadelphia, PA, 19103, USA CORPORATE SOURCE:

Process. Presentation Antigens (1988), 133-41. SOURCE:

Editor(s): Pernis, Benvenuto; Silverstein, Samuel C.;

Vogel, Henry J. Academic: San Diego, Calif.

CODEN: 56HSAQ conference DOCUMENT TYPE: English LANGUAGE:

ANSWER 81 OF 124 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1987:483883 CAFLUS

Vaccine for generating an immunogenic T cell response DOCUMENT NUMBER: TITLE:

protective against a virus

Heber-Katz, Ellen INVENTOR(S): Wistar Institute, USA PATENT ASSIGNEE(S): Eur. Pat. Appl., 23 pp.

SOUPCE: CODEN: EPXXDW

Patent DOCUMENT TYPE: English LANGUAGE:

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

TT INFORMATION:			APPLICATION N	O. DATE
PATENT NO.	KIND	DATE		
EP 203676 EP 203676	A3	19861203 19880302		:3 1300022
EP 203676	CH, DE	19920129 I, FR, GB,	IT, LI, LU, NL, SE AT 1986-3012	23 19860220

R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE AT 72123 E 19920215 AT 1986-301223 19860220

```
CA 1986-506804 19860416
    CA 1265054 A1 19900130
                                       EP 1983-304045 19880505
    EP 290246 A2 19831109
EP 290246 A3 19900131
                          19831109
        R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE
                                      US 1993-139609 19931020
    US 5837249 A 19981117
                                      US 1985-725087
                                                         19850419
PRIORITY APPLN. INFO.:
                                      EF 1986-301223
US 1987-47443
US 1991-685459
US 1992-868946
                                                         19860220
                                                        19870508
                                                        19910412
                                                        19920415
   ANSWEP 82 OF 124 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1985:22683 CAPLUS
                        Characterization of the murine TH response to
DOCUMENT NUMBER:
                        influenza virus hemagglutinin: evidence for three
TITLE:
                        major specificities
                        Hurwitz, Julia L.; Heber-Katz, Ellen;
                       Hackett, Charles J.; Gerhard, Walter
AUTHOR(S):
                       Wistar Inst. Anat. Biol., Philadelphia, PA, 19104,
CORPORATE SOURCE:
                       J. Immunol. (1984), 133(6), 3371-7
USA
                       CODEN: JOIMA3; ISSN: 0022-1767
 SOURCE:
                        Journal
 DOCUMENT TYPE:
                        English
 LANGUAGE:
    ANSWER 83 OF 124 CAPLUS COPYRIGHT 2000 ACS
 ACCESSION NUMBER: 1984:83838 CAPLUS
                        The Ia mclecule contributes to the specificity of T
 DOCUMENT NUMBER:
 TITLE:
                        cell activation
                         Schwartz, R. H.; Heber-Katz, E.; Hansburg,
 AUTHOR(S):
                        Lab. Immunol., Natl. Inst. Allergy Infect. Dis.,
 CORPORATE SOURCE:
                         Bethesda, MD, 20205, USA
                         Interceli. Commun. Leucocyte Funct., Proc. Int.
                         Leucocyte Cult. Conf., 15th (1983), Meeting Date
 SOURCE:
                          117-25. Editor(s): Parker, John W.; O'Brien, Richard
  1982,
                          L. Wiley: Chichester, UK.
                          CODEN: SOUFAC
                          Conference
  DOCUMENT TYPE:
                          English
  LANGUAGE:
     ANSWER 84 OF 124 CAPLUS COPYRIGHT 2002 ACS
  ACCESSION NUMBER: 1983:556640 CAPLUS
                         The effect of antigen and Ia molecule interaction on
  DOCUMENT NUMBER:
                          immune response gene control
  TITLE:
                         Heber-Katz, Ellen; Schwartz, Ronald H.
                          Lab. Immunol., NIH, Bethesda, MD, 20205, USA
  AUTHOR(S):
                          Ir Genes, [Ir Gene Workshop], 5th (1983), Meeting
  CORPORATE SOURCE:
  SOURCE:
                           1982, 235-304. Editor(s): Pierce, Carl W. Humana:
   Date
                           clifton, N. J.
                           CODEN: 50HZA7
                          Conference
   DOCUMENT TYPE:
                          English
   LANGUAGE:
      ANSWER 85 OF 124 CAPLUS COPYRIGHT 2002 ACS
   ACCESSION NUMBER: 1982:560753 CAPLUS
                           I region-restricted antigen presentation by B cell-B
   DOCUMENT NUMBER:
                          lymphoma hybridomas
   TITLE:
                           Glimcher, L. H.; Hamano, T.; Asofsky, R.;
```

Heber-Katz, E.; Hedrick, S.; Schwartz, R. H.;

AUTHOR(S):

Lab. Immunol., Natl. Inst. Allergy Infect. Dis., CORPORATE SOURCE:

Bethesda, MD, 20205, USA

Nature (London) (1982), 298(5871), 283-4 SOURCE:

CCDEN: NATUAS; ISSN: 0028-0836

Journal DOCUMENT TYPE: English LANGUAGE:

COPYRIGHT 2002 CSA ANSWER 86 OF 124 LIFESCI

ACCESSION NUMBER: 88:74709 LIFESCI

The autoreactive T cell population in experimental

allergic

encephalomyelitis: T cell receptor beta -chain

rearrangements.

Happ, M.P.; Kiraly, A.S.; Offner, H.; Vandenbark, A.; AUTHOR:

Heber-Katz, E.

Wistar Inst., 36th St. at Spruce, Philadelphia, PA 19104, CORFORATE SOURCE:

J. NEUPOIM4UNOL., (1988) vol. 19, no. 8, pp. 191-204. SOUP.CE:

Journal DOCUMENT TYPE: F; N3 FILE SEGMENT: English LANGUAGE: English SUMMARY LANGUAGE:

COPYRIGHT 2002 CSA ANSWER 87 OF 124 LIFESCI

ACCESSION NUMBER: 88:25848 LIFESCI

Overlapping T cell antigenic sites on a synthetic peptide TITLE:

fragment from herpes simplex virus glycoprotein D, the degenerate MHC restriction elicited, and functional

evidence for antigen-Ia interaction.

Heber-Katz, E.; Valentine, S.; Dietzschold, B.; AUTHOR:

Burns-Purzycki, C.

Wistar Inst. Anat. and Biol., Philadelphia, PA 19104, USA CORPORATE SOURCE:

J. EXP. MED., (1988) vol. 187, no. 2, pp. 275-287. SOURCE:

Journal DOCUMENT TYPE: F; V FILE SEGMENT: English LANGUAGE: SUMMARY LANGUAGE: English

COPYRIGHT 2002 CSA ANSWER 88 OF 124 LIFESCI

ACCESSION NUMBER: 88:6025 LIFESCI Differences in the repertoire of the Lewis rat T cell TITLE:

response to self and non-self myelin basic proteins.

Happ, M.F.; Heber-Katz, E.

Wistar Inst., Philadelphia, PA 19104, USA AUTHOR:

J. EXP. MED., (1988) vol. 187, no. 2, pp. 502-513. CORPORATE SOURCE: SOURCE:

Journal DOCUMENT TYPE:

FILE SEGMENT:

English LANGUAGE: English SUMMARY LANGUAGE:

COPYRIGHT 2002 CSA ANSWER 89 OF 124 LIFESCI

82:84090 LIFESCI

The effect of antigen presentation on the fine specificity ACCESSION NUMBER: TITLE:

of anti-cytochrome c T cell hybridomas.

T CELL HYBRIDOMAS. A WORKSHOP AT THE BASEL INSTITUTE FOR

IMMUNOLOGY.

Heber-Katz, E.; Hansburg, D.; Schwartz, R.H.; von AUTHOR:

Boehmer, H. [editor]; Haas, W. [editor]; Koehler, G. [editor]; Melchers, F. [editor]; Zeuthen, J. [editor];

Buser-Boyd, S. [editor]

CORPORATE SOURCE: Natl. Inst. Allergy and Infect. Dis., Natl. Inst. Health,

Build. 10, Rm. 11D14, Bethesda, MD 20205, USA

CURR. TOP. MICROBIOL. IMMUNOL., (1982) pp. 117-124. SOURCE:

Meeting Info.: Workshop on T Cell Hybridomas: Sources of

Specific Mediators in the Immune System. Basel

(Switzerland). 27-29 Jan 1982.

ISBN: 3-540-11535-8.

Book DOCUMENT TYPE: conference

TREATMENT CODE:

FILE SEGMENT:

English LANGUAGE:

ANSWER 90 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 93226236 EMBASE

1993226236

The V-region disease hypothesis: New evidence suggests it DOJUMENT NUMBER: TITLE:

is probably wrong.

Wilson D.B.; Steinman L.; Gold D.P.; Heber-Katz E. AUTHOR:

; Acha-Cirbea H.

San Diego Regional Cancer Centr, 3099 Science Park CORPOPATE SOURCE:

Rcad, San

Diego, CA 92121, United States

Immunology Today, (1993) 14/8 (376-382). SOURCE:

ISSN: 0167-5699 CODEN: IMTOD8

United Kingdom COUNTRY:

Journal; (Short Survey) DOCUMENT TYPE:

005 General Fathology and Pathological Anatomy 008 Neurology and Neurosurgery
022 Human Genetics
026 Immunclogy, Serology and Transplantation FILE SEGMENT:

English LANGUAGE: SUMMARY LANGUAGE: English

ANSWER 91 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 93188749 EMBASE

DOCUMENT NUMBER: 1993188749 Shared T-dell redeptor gene usage in experimental allergic TITLE:

neuritis and encephalomyelitis [1].

Jung S.; Hartung H.-F.; Toyka K.V.; Heber-Katz E.

CORPORATE SOURCE: Multiple Sclerosis Research Group, Department of

Neurology,

Julius-Maximilians University, Wurzburg, Germany Annals of Neurology, (1993) 34/1 (113-114).

ISSN: 0364-5134 CODEN: ANNED3 SCURCE:

United States COUNTRY:

Journal: Letter DOCUMENT TYPE:

008 Meurology and Neurosurgery FILE SEGMENT:

Immunology, Serology and Transplantation 026

Clinical Biochemistry 029

English LANGUAGE:

L5 ANSWER 92 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 93183057 EMBASE

1993183057

Erratum: In vivo expression of inducible nitric oxide DOCUMENT NUMBER: TITLE:

synthase in experimentally induced neurologic diseases (Proceedings of the National Academy of Sciences of the

United States of America (April 1, 1993) 90 (3024-

Koprowski H.; Yong Mu Zheng; Heber-Katz E.; 3027)). AUTHOR:

Fraser N.; Forke L.; Zhen Fang Fu; Hanlon C.; Dietzschold

Proceedings of the Mational Academy of Sciences of the SOUPCE:

United States of America, (1993) 90/11 (5378).

ISSN: 0027-8424 CODEN: PNASA6

DOCUMENT TYPE: Journal; Errata FILE SEGMENT: 008 Neurol LANGUAGE:

003 Neurology and Neurosurgery

ANSWER 93 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

92231358 EMBASE ACCESSION NUMBER:

Observations, legends, and conjectures concerning 1992231358 DOCUMENT NUMBER: TITLE:

restricted T-cell receptor usage and autoimmune disease.

Esch T.; Clark L.; Zhang X.-M.; Goldman S.; Heber-Katz AUTHOR:

Wistar Institute, 3601 Spruce Street, Philadelphia, PA CORPORATE SOURCE:

19104, United States

Critical Reviews in Immunology, (1991) 11/5 (249-264). SOURCE:

ISSN: 1040-8401 CODEN: CCRIDE

United States

Journal; General Review COUNTPY:

General Pathology and Pathological Anatomy DOCUMENT TYPE: 065 FILE SEGMENT:

Immunology, Serclogy and Transplantation 026

Pharmacclogy 030

Drug Literature Index 0.37

English LANGUAGE: English SUMMARY LANGUAGE:

ANSWER 94 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 91031747 EMBASE

Conserved T cell receptor V gene usage by uveitogenic T DOCUMENT NUMBER: TITLE:

Gregerson D.S.; Fling S.P.; Merryman C.F.; Zhang X.; Li AUTHOR:

х.;

Heber-Katz E.

COPPORATE SOURCE: Department of Ophthalmology, University of

Minnesota, Minneapolis, MN 55455, United States

Clinical Immunology and Immunopathology, (1990) 58/1 SOURCE:

(154-161).

ISSN: 0090-1229 CODEN: CLIIAT

United States COUNTRY: Journal; Article

005 General Pathology and Pathological Anatomy DOCUMENT TYPE: FILE SEGMENT:

Ophthalmology 012 Human Genetics 022 Hematology

Immunology, Serology and Transplantation 025 026

English LANGUAGE: SUMMARY LANGUAGE: English

ANSWER 95 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

77040204 EMBASE ACCESSION NUMBER:

Sheep red blood cell specific helper activity in rat DOCUMENT NUMBER: TITLE:

thoracic duct lymphocyte populations positively selected for reactivity to specific strong histocompatibility

alloantigens.

Heber Katz E.; Wilson D.B.

Immunobiol. Res. Unit, Dept. Pathol., Univ. Pennsylvania AUTHOR: COPPORATE SOURCE:

Sch. Med., Philadelphia, Pa. 19174, United States

Journal of Experimental Medicine, (1976) 143/3 (701-706). SOURCE:

CODEN: JEMEAV

Journal DOCUMENT TYPE: English LANGUAGE:

ANSWER 96 OF 124 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 76148576 EMBASE

1976148576 DOCUMENT NUMBER:

Collaboration of allogeneic T and B lymphocytes in the primary antibody response to sheep erythrocytes in vitro. TITLE:

Heber Katz E.; Wilson D.B.

CORPORATE SOURCE: Immunobicl. Res. Unit, Dept. Pathol., Univ. Pennsylvania

Sch. Med., Philadelphia, Pa. 19174, United States

Journal of Experimental Medicine, (1975) 142/4 (928-935). SOURCE:

CODEN: JEMEAV

Immunology, Serology and Transplantation Journal DOCUMENT TYPE: 026 FILE SEGMENT:

025 Hematology

English LANGUAGE:

ANSWER 97 OF 124 USPATFULL

1998:143659 USPATFULL

Method for generating an immunogenic T cell response ACCESSION NUMBER: TITLE:

protective against a virus

Heber-Katz, Ellen, Philadelphia, PA, United INVENTOR(S):

Dietzschold, Bernhard, Newtown Square, PA, United

The Wistar Institute, Philadelphia, PA, United States PATENT ASSIGNEE(S):

(U.S. corporation)

KIND DATE NUMBEE. \_\_\_\_\_ 19981117 US 5837249

PATENT INFORMATION: 19931020 (8) US 1993-139609

Continuation of Ser. No. US 1992-868946, filed on 15 APPLICATION INFO .: RELATED APPLN. INFO.:

Apr 1992, now abandoned which is a

continuation-in-part

of Ser. No. US 1991-685459, filed on 12 Apr 1991, now abandoned which is a continuation of Ser. No. US 1987-47443, filed on 8 May 1987, now abandoned which

is

a continuation-in-part of Ser. No. US 1985-725087,

filed on 19 Apr 1985, now abandoned

Utility LOCUMENT TYPE: Granted

FILE SEGMENT: Woodward, Michael P. PRIMARY EXAMINER: LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd.

21 NUMBER OF CLAIMS:

9 Drawing Figure(s); 6 Drawing Page(s) EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

1114

LINE COUNT: CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 98 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 2001:44505 BIOSIS DOCUMENT NUMBER: PREV200100044505

T cell differentiation in complementary models of murine TITLE:

experimental autoimmune meningitis.

Perrin, Peter J. (1); Phillips, S. Michael (1); Beswick, AUTHOR(S):

Richard L. (1); Rumbley, Catherine A. (1); Clark, Lise;

Otvoz, Laszlo, Jr.; Heber-Katz, Ellen

(1) University of Pennsylvania Medical School, CORPORATE SOURCE:

FASEB Journal, (April 20, 2000) Vol. 14, No. 6, pp. A997. SOURCE:

Meeting Info.: Joint Annual Meeting of the American Association of Immunologists and the Clinical Immunology

Society Seattle, Washington, USA May 12-16, 2000

ISSN: 0892-6638.

Conference DOCUMENT TYPE: English LANGUAGE: SUMMARY LANGUAGE: English

ANSWER 99 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1998:528946 BIOSIS PREV199800528946

Tolerance induction in EAE with acylated peptides. DOCUMENT NUMBER: St Louis, J. (1); Zhang, X.-M.; Heber-Katz, E.; TITLE:

Singh, B. (1); Strejan, G. H. (1) AUTHOR(S):

(1) Univ. Western Ont., London, ON Canada

Journal of Neuroimmunology, (Sept. 1, 1998) Vol. 90, No. CORPORATE SOURCE: SOUPCE:

> Meeting Info.: Fifth International Congress of the International Society of Neuroimmunology Montreal, Canada

August 23-27, 1398 International Society of

Neuroimmunology

1,

. ISSN: 0165-5728.

Conference DOCUMENT TYPE: English LANGUAGE:

ANSWER 100 OF 124 BIOSIS COFTEIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1995:518964 BIOSIS PREV199598533264 DOCUMENT NUMBER:

The relationship between human multiple sclerosis and TITLE:

rodent experimental allergic encephalomyelitis.

Wistar Inst., 3601 Spruce St., Philadelphia, PA 19104 USA AUTHOR(S): Davis, M. M. [Editor]; Buxbaum, J. [Editor]. Annals of the CORPORATE SOURCE: SOURCE:

New York Academy of Sciences, (1995) Vol. 756, pp.

Annals of the New York Academy of Sciences; T-cell 283-293.

use in human autoimmune diseases. receptor

Publisher: New York Academy of Sciences 2 East 63rd

New York, New York 10021, USA. Street,

Meeting Info.: Conference San Diego, California, USA April

17-20, 1994

ISSN: 0077-8923. ISBN: 0-89766-916-9 (paper),

0-89766-915-0

(cloth).

Book; Conference DOCUMENT TYPE:

English LANGUAGE:

ANSWER 101 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1994:459413 BIOSIS PREV199497472413 DOCUMENT NUMBER:

Is experimental allergic encephalomyelitis: A model of TITLE:

multiple sclerosis.

AUTHOR(S):

Wistar Inst., 3601 Spruce Street, Philadelphia, PA 19104 CORPORATE SOURCE:

Coutinho, A. [Editor]; Kazatchkine, M. D. [Editor]. (1994) SOURCE:

pp. 353-364. Autoimmunity: Physiology and disease.

Publisher: Wiley-Liss, Inc. 605 Third Avenue, New York,

York 10158-0012, USA. New

ISBN: 0-471-59227-7.

Book DOCUMENT TYPE: English LANGUAGE:

ANSWER 102 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1993:334535 BIOSIS PREV199345029260 DOCUMENT NUMBER:

Oral tolerance in experimental autoimmune

encephalomyelitis

Whitacre, Caroline (1); Gienapp, Ingrid; Cox, Karen; (EAE): T cell anergy. AUTHOR(S):

Jewell, Scott; Javed, Najima; Goldman, Shari;

Heber-Katz, Ellen

(1) Ohio State University, Columbus, OH 43210 USA COPPORATE SOURCE: SOURCE:

Journal of Immunology, (1993) Vol. 150, No. 8 PART 2, pp.

Meeting Info.: Joint Meeting of the American Association

Immunologists and the Clinical Immunclogy Society Denver,

Colorado, USA May 21-25, 1993

ISSN: 0022-1767.

Conference DOCUMENT TYPE: English: LANGUAGE:

ANSWER 103 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

1991:335695 BIOSIS ACCESSION NUMBER:

BP41:32245

INHIBITION OF EAE INDUCTION BY NONENGEPHALITOGENIC DOCUMENT NUMBER: TITLE:

CD4-NEGATIVE CD3-NEGATIVE V-ALPHA-2V-BETA-8.2-PLUS

ANTI-MYELIN BASIC PROTEIN RAT T CELL CLONE. LIDER O: EPPERSON D; ZHANG X; HEBER-KATZ E;

AUTHOR(S):

WEINER H L; MILLER A

REHOVOT, ISRAEL.

CORPOPATE SOURCE:

43PD AIRUAL MEETING OF THE AMERICAN ACADEMY OF NEUROLOGY, BOSTON, MASSACHUSETTS, USA, APPIL 20-27, 1991. NEUROLOGY, SOURCE:

(1991) 41 (3 SUPPL 1), 317. CODEN: NEUFAL. ISSN: 0028-3878.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 104 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1991:332129 BIOSIS

DOCUMENT NUMBER: BR41:28679 NEUROANTIGEN-SPECIFIC IMMUNE TOLERANCE IN EXPERIMENTAL TITLE:

AUTOIMMUNE NEURITIS.

GREGOPIAN S K; HEBER-KATZ E; POSTAMI A

CORPOFATE SOURCE: DEF. NEUROL., IMMUNOL. GFADUATE GROUP, UNIV. PENNSYLVANIA,

SCH. MED., PHILADELPHIA, PA. 19104.

75TH ANNUAL MEETING OF THE FELERATION OF AMERICAN SOURCE:

SOCIETIES

FOR EXPERIMENTAL BIOLOGY, ATLANTA, GEORGIA, USA, APRIL 21-25, 1991. FASEB (FED AM SOC EXP BIOL) J, (1991) 5 (6),

A1777.

CODEN: FAJOEC. ISSN: 0892-6638.

Conference DOCUMENT TYPE: BP; OLD FILE SEGMENT: English TANGUAGE:

ANSWER 105 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1991:196241 BIOSIS

BR40:93521

FURTHER STUDIES ON THE V-REGION DISEASE HYPOTHESIS. DOCUMENT NUMBER:

HEBER-KATZ E

CORPORATE SOURCE: WISTAP INST., PHILADELPHIA, FA. 19104.

SYMPOSIUM ON SELF REACTIVITY AND ITS REGULATION HELD AT SOURCE:

THE

20TH ANNUAL MEETING OF THE KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY, KEYSTONE, COLORADO, USA, JANUARY 17-24, 1991. J CELL BIOCHEM SUPPL, (1991) 0 (15 PART A),

231.

CODEN: JCESD7. Conference

DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 106 OF 124 BIOSIS COFYFIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1990:436981 BIOSIS

BR39:84842

A NEW HIERARCHY OF TCR SPECIFICITY AUTOIMMUNE DISEASES ARE DOCUMENT NUMBER: TITLE:

DEFINED BY FARTICULAR V-ALPHA-V-BETA COMBINATIONS AND NOT

BY ANTIGEN SPECIFICITY.

CCRPOPATE SOURCE: WISTAR INST. ANAT. AND BIOL., FHILADELPHIA, PA. 19104.

COLD SPRING HARBOR LABORATORY. COLD SPRING HARBOR SYMPOSIA SOURCE:

ON QUANTITATIVE BIOLOGY, VOL. 54. NOS. 1 AND 2.

IMMUNOLOGICAL RECOGNITION. MIX+603P.(NO. 1); XI+PAGINATION VARIES(NO. 2) COLD SPRING HARBOR LABORATORY PRESS: COLD SPRING HARBOR, NEW YORK, USA. ILLUS, (1989 (1990)) 0 (0),

CODEN: CSHSAE. ISSN: 0091-7451. ISBN: 0-87969-057-7

(CLOTH), 0-37969-058-5 (FAPER).

Conference DOCUMENT TYPE: BP; OLL: FILE SEGMENT: English LANGUAGE:

ANSWER 107 OF 124 BIGSIS COFYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. L5

1990:324911 BIOSIS ACCESSION NUMBER:

BR39:32247 DOCUMENT NUMBER:

ORAL TOLERANCE IN EXPERIMENTAL AUTOIMMUNE TITLE:

ENCEPHALOMYELITIS

EAE A SEARCH FOR THE MBP-SPECIFIC T CELL RECEPTOR. WHITACFE C C; GIENAPP I E; ZHANG X; HEBER-KATZ E

CORPOPATE SOURCE: THE OHIO STATE UNIV. COLL. MED., COLUMBUS, OHIO 43210,

JOINT MEETING OF THE AMEPICAN SOCIETY FOR BIOCHEMISTRY AND USA. SOURCE:

MOLECULAR BIOLOGY AND THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS, NEW ORLEAMS, LOUISIANA, USA, JUNE 4-7,

1990.

FASEB (FED AM SOC EXF BIOL) J, (1990) 4 (7), A1856.

CODEN: FAJOEC. ISSN: 0892-6638.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 108 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. 1.5

ACCESSION NUMBER: 1989:234621 BIOSIS

BR36:113105

AG PRESENTATION BY TRANSGENIC IE-POSITIVE BETA CELLS. DOCUMENT NUMBER: MARKMANN J F; LO D; NAJI A; FALMITTER R; BRINSTER R; TITLE: AUTHOR(S):

HEBER-KATZ E

UNIV. PENNISYLVANIA, FHILADELPHIA, PA. 19104.

73FD ANNUAL MEETING OF THE FEDERATION OF AMERICAN CORPORATE SOURCE: SCUPCE:

SOCIETIES

FOR EMPERIMENTAL BIOLOGY, NEW ORLEANS, LOUISIANA, USA, MARCH 19-23, 1989. FASEB (FED AM SOC EXP BIOL) J, (1989) 3

(3), A301.

CODEN: FAJOEC. ISSN: 0892-6638.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 109 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1989:83718 BIOSIS

BR36:39809 DOCUMENT NUMBER:

PATHWAYS TO PRESENTATION.

HEBER-KATZ E; WATARI E; DIETZSCHOLD B TITLE: WISTAR INST., PHILADELFHIA, PA. 19103. AUTHOR(S): CORPORATE SOURCE:

PERNIS, B., S. C. SILVERSTEIN AND H. J. VOGEL (ED.). SOUPCE:

PROCESSING AND PRESENTATION OF ANTIGENS; P AND S

BIOMEDICAL

SCIENCES SYMPOSIUM, NEW YORK, NEW YORK, USA, MAY 30-JUNE

1,

1986. MIV+324P. ACADEMIC PRESS, INC.: SAN DIEGO,

CALIFORNIA, USA; LCNDON, ENGLAND, UK. ILLUS, (1988) 0 (0),

133-142.

ISBN: 0-12-551855-2.

BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 110 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1988:103400 BIOSIS

THE LEW PAT T CELL PESPONSE REFERTOIRE TO AN AUTOANTIGEN DOCUMENT NUMBER: TITLE:

AND ITS REGULATION BY ANTI-T CELL RECEPTOR ANTIBODY.

HEBER-KATZ E; OWHASHI M; HAPF M P

CORPORATE SOURCE: WISTAR INST., 3601 SPRUCE ST., PHILADELPHIA, PA. 19104, AUTHOR(S):

SECOND INTERNATIONAL CONGRESS OF NEUROIMMUNOLOGY, SOURCE:

PHILADELPHIA, PENNSYLVANIA, USA, SEPTEMBER 8-11, 1987. J

NEUROIMMUNOL, (1937) 16 (1), 75. CODEN: JNRIDW. ISSN: 0165-5728.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANG'JAGE:

ANSWER 111 OF 124 BIOSIS COFYFIGHT 2002 BIGLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1987:411814 BIOSIS

BR33:81492 DOCUMENT NUMBER:

A NEW PATHWAY TO ANTIGEN PRESENTATION. HEBER-KATZ E; WATAPI E; DIETZSCHOLD B TITLE: CORPORATE SOURCE: WISTAR INST., PHILADELPHIA, PA. 19104.

SOURCE:

SYMPOSIUM ON THE T CELL PECEPTOR HELD AT THE 16TH ANNUAL MEETING OF THE UCLA (UNIVERSITY OF CALIFORNIA-LOS ANGELES) SYMPOSIA ON MOLECULAP AND CELLULAR BIOLOGY, LOS ANGELES,

CALIFORNIA, USA, APRIL 26-MAY 1, 1987. J CELL BIOCHEM

SUPPL, (1987) 0 (11 FART D), 288.

CODEN: JCBSD7. Conference

DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

AMSWER 112 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1987:411719 BIOSIS

BR33:81397 DOCUMENT NUMBER:

THE T CELL RESPONSE IN EXPERIMENTAL ALLERGIC TITLE:

ENCEPHALOMYELITIS CLONALITY AT THE LEVEL OF ANTIGEN SPECIFICITY AND T CELL RECEPTOR GENE REARRANGEMENTS.

HAPP M P; KIRALY A S; OFFNER H; VANDENBARK A; AUTHOR(S):

HEBER-KATZ E

CORPORATE SOURCE:

WISTAP INST., PHILADELPHIA, PA. 19104.

SOURCE:

SYMPOSIUM ON THE T CELL PECEPTOR HELD AT THE 16TH ANNUAL MEETING OF THE UCLA (UNIVERSITY OF CALIFORNIA-LOS ANGELES) SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY, LOS ANGELES, CALIFORNIA, USA, APRIL 26-MAY 1, 1987. J CELL BIOCHEM

SUFFL, (1987) 0 (11 PART D), 256.

CODEN: JCBSD7. conference BR; OLD

DOCUMENT TYPE: FILE SEGMENT: English LANGUAGE:

L5 ANSWER 113 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. ACCESSION NUMBER: 1987:75678 BICSIS

BR32:35871

SPECIFIC LONG-TERM PROTECTION FROM A LETHAL HERPES SIMPLEX DOCUMENT NUMBER: VIRUS INFECTION IN THE ABSENCE OF A DETECTABLE ANTIBODY TITLE:

RESPONSE. HEBER-KATZ E; WATARI E; DIETZSCHOLD B CORPORATE SOURCE: WISTAR INST., PHILADELPHIA, PA. 19104.

SOURCE:

BROWN, F., R. M. CHANOCK AND R. A. LERNER (ED.). NEW APPROACHES TO IMMUNICATION: DEVELOPING VACCINES AGAINST PARASITIC, BACTERIAL, AND VIRAL DISEASES; CONFERENCE ON VACCINES 86, COLD SPFING HARBOR, N.Y., USA. XXI+418P. COLD SPRING HARBOP LABORATORY: COLD SPRING HARBOR, N.Y., USA.

ILLUS. PAPER, (1986) 0 (0), 65-70.

ISBN: 0-87969-190-5.

BP; OLD FILE SEGMENT: Eralish LANGUAGE:

ANSWER 114 OF 124 BIOSIS COPYPIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1986:230859 BIOSIS

DOCUMENT NUMBER: BR30:113355 RESISTANCE TO EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS TITLE:

REGULATION BY NON-MAJOR HISTOCOMPATIBILITY COMPLEX GENES.

HAPP M P; WETTSTEIN P; HEBER-KATZ E

COFFORATE SOURCE: WISTAR INSTITUTE, PHILADELPHIA, PA. 19104.

SYMPOSIUM ON IMMUNE REGULATION BY CHAFACTERIZED

SOUPCE:

POLYPETTIDES HELD AT THE 15TH ANNUAL UCLA (UNIVERSITY OF CALIFOFNIA-LOS ANGELES) MEETING ON MOLECULAR AND CELLULAR BIOLOGY, LOS ANGELES, CALIF., USA, JAN. 25-FEB. 1, 1986. J

CELL BIOCHEM SUPPL, (1986) C (10 PART A), 98.

CODEN: JCBSD7.

Conference DOCUMENT TYPE: BR; CLD FILE SEGMENT: English LANGUAGE:

ANSWER 115 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1986:66338 BIOSIS

BP30:66338

THE MURINE T CELL PESFONSE TO THE GLYCOPROTEIN D OF HERPES DOCUMENT NUMBER: TITLE:

SIMPLEM VIRUS.

HEBER-KATZ E; HOLLOSI M; DIETSCHOLD B; HEDECZ F; AUTHOR(S):

FASMAN G

WISTAP INST., PHILADELPHIA, PA. 19104.

LAVER, W. G. AND B. M. AIR (ED.). CURRENT COMMUNICATIONS CORPORATE SOURCE: SCUPCE:

ΙN

MOLECULAR BIOLOGY: IMMUNE RECOGNITION OF PROTEIN ANTIGENS; MEETING, COLD SPRING HARBOR, N.Y., USA, MAR. 1985. X+197P. COLD SPRING HARBOR LABORATORY: COLD SPRING HARBOR, N.Y.,

USA. ILLUS. PAPER, (1985) 0 (0), 134-138.

ISBN: 0-87969-185-9.

BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 116 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1986:25225 BIOSIS

BR30:25225

STRUCTURE-FUNCTION RELATIONSHIF IN IMMUNOGENIC SYNTHETIC DOCUMENT NUMBER: TITLE:

HERPES SIMPLEX VIPUS PEPTIDES.

DIETZSCHOLD B; HEBER-KATZ E; HUDECZ F; HOLLOSI M; AUTHOR(S):

FASMAN G; EISENBERG R J; COHEN G H

CORPORATE SOURCE: WISTAR INST. ANAT. AND BIOL., PHILADELPHIA, PA. 19104.

SOURCE:

LERNER, R. A., R. M. CHANOCK AND F. BROWN (ED.). VACCINES 85: MOLECULAR AND CHEMICAL BASIS OF RESISTANCE TO

PAPASITIC, BACTERIAL, AND VIRAL DISEASES; MEETING, 1983. MMI+407P. COLD SPRING HAFBOR LABORATORY: COLD SPRING HARBOR, N.Y., USA. ILLUS. PAPER, (1985) 0 (0), 227-234.

ISBN: 0-87969-181-6.

BR; OLD FILE SEGMENT: Engl:sh LANGUAGE:

L5 ANSWER 117 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1985:87455 BIOSIS

BF28:87455

CONFORMATION OF SYNTHETIC PEPTIDES OF HERPES SIMPLEX VIRUS DOCUMENT NUMBER: TITLE:

GLYCOPPOTEIN D-GD.

HOLLOSI M; DIETZSCHOLD B; HEBER-KATZ E; HUDECZ F; AUTHOR(S):

VARRICHIO A: FASMAN G D

CORPORATE SOURCE: GRADUATE DEPARTMENT OF BIOCHEMISTRY, BRANDEIS UNIVERISTY,

WALTHAM, MA.

188TH AMERICAN CHEMICAL SOCIETY MEETING, PHILADELPHIA, SOURCE:

PA.,

USA, AUG. 26-31, 1984. ABSTR PAP AM CHEM SOC, (1984) 188

(0), NO PAGINATION.

CODEN: ACSPAL. ISSN: 0065-7727.

Conference DOCUMENT TYPE: BP; OLD FILE SEGMENT: English. LANGUAGE:

ANSWER 118 OF 124 BIGSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1984:127846 BIOSIS

BF27:44338 DOCUMENT NUMBER:

GENETIC CONTROL OF THE T CELL RESPONSE TO PEPTIDES OF THE TITLE:

GLYCG PROTEIN D-GD OF HERPES SIMPLEX VIRUS.

HEBER-KATZ E; DIETZSCHOLD B AUTHOR(S):

CORPORATE SOURCE: WISTAR INST., PHILADELPHIA, PA. 19104.

SOURCE:

SYMPOSIUM ON REGULATION OF THE IMMUNE SYSTEM HELD AT THE 13TH AMMUAL UCLA (UNIVERSITY OF CALIFORNIA - LOS ANGELES) SYMPOSIA, LOS ANGELES, CALIF., USA, MAR. 18-25, 1984. J

CELL BIOCHEM, (1984) 0 (8 PART A), 103.

CODEN: JCBSD7.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 119 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. T.5

ACCESSION NUMBER: 1992:95660 BIOSIS

BF23:25652

PROOF OF ANTIGEN IA INTERACTION SHOWN BY THE SPECIFICITY DOCUMENT NUMBER: TITLE:

OF

ANTIGEN IMPUCED ACTIVATION OF T CELL HYBRIDOMAS.

HEBER-KATZ E; HANSBURG D; SCHWARTZ R H AUTHOR(S):

CORPORATE SOURCE: NIH, BETHESDA, MD., 20014.

66TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOURCE:

SOCIETIES

FOR EMPERIMENTAL BIOLOGY, NEW ORLEANS, LA., USA, APRIL 15-23, 1982. FED PROC, (1982) 41 (3), ABSTRACT 1216.

CODEN: FEPRA7. ISSN: 0014-9446.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

L5 ANSWER 120 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. ACCESSION NUMBER: 1982:84816 BIOSIS

BF23:14808 DOCUMENT NUMBER:

I REGION RESTRICTED ANTIGEN PRESENTATION BY B CELL B TITLE:

LYMPHOMA CELL HYBRIDOMAS.

GLIMCHER L; HAMANO T; ASOFSKY R; HEBER-KATZ E; AUTHOR(S):

HEDRICK S; GREEN I; PAUL W E

CORPORATE SOURCE: NIH, BETHESDA, MD. 20205.

66TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOURCE:

SOCIETIES

FOR EMPERIMENTAL BIOLOGY, NEW ORLEANS, LA., USA, APRIL 15-23, 1982. FED PROC, (1982) 41 (3), ABSTRACT 2636.

CODEN: FEPRA7. ISSN: 0014-9446.

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 121 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1981:90800 BIOSIS

BR21:25796

IDIOTYPE ANTI IDIOTYPE PATHWAYS AND THE REGULATION OF DOCUMENT NUMBER: TITLE:

IMMUNE PESPONSES.

PAUL W E; HEBER-KATZ E; BONA C AUTHOR(S):

CORPORATE SOURCE: NIH, BETHESDA, MD. 20205.

65TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOURCE:

SOCIETIES

FOR EXPERIMENTAL BIOLOGY, ATLANTA, GA., USA, APRIL 12-17,

1981. FED PROC, (1981) 40 (3 PART 2), 1008.

CODEN: FEPPA7. ISSN: 0014-9446.

Conference DOCUMENT TYPE: BF; OLD FILE SEGMENT: English LANGUAGE:

ANSWER 122 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1978:70733 BIOSIS

BP15:14233

CONSIDERATIONS OF THE NATURE AND SPECIFICITY OF THYMUS DOCUMENT NUMBER: DERIVED CELL TRIGGERING AND OF CELL-CELL INTERACTIONS IN TITLE:

THE IMMUNE RESPONSE.

WILSON D B; HEBER-KATZ E; MARSHAK A; LINDAHL K F AUTHOF(S):

COOPER, MAX D. AND DELBERT H. DAYTON (ED.). MONOGRAPH OF SOURCE:

THE NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN

DEVELOPMENT. DEVELOPMENT OF HOST DEFENSES. CONFERENCE, MAY 1976. MIV+306P. ILLUS. PAVEN PRESS: NEW YORK, N.Y., USA,

(1977) 133-140. ISBN: 0-89004-117-2.

BP; OLD FILE SEGMENT: Unavailable LANGUAGE:

ANSWER 123 OF 124 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1978:888 BIOSIS

BR14:888

ON THE POSSIBILITY OF MULTIPLE THYMUS DERIVED CELL DOCUMENT NUMBER: TITLE:

RECEPTORS.

WILSON D B; HEBER-KATZ E: SFPENT J; HOWARD J C AUTHOR(3):

COLD SPRING HARBOR LAB. COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIGLOGY, VOL. 41, PARTS 1 AND 2. ORIGINS OF SOURCE:

LYMPHOCYTE DIVERSITY. COLD SPRING HARBOR, N.Y., USA, 1976. XXII+437P(PART 1); XII+503P(PART 2). ILLUS. COLD SPRING HARBOR LABORATORY: COLD SPRING HARBOR, N.Y., USA, (1977)

559-561.

ISBN: 0-87696-040-2.

BR; OLD FILE SEGMENT: Unavaılable LANGUAGE:

ANSWER 124 OF 124 BIOSIS COPYRIGHT 2002 PICLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1976:37624 BIOSIS

BR12:37624

RAT THYMUS DERIVED CELLS POSITIVELY SELECTED FOR DOCUMENT NUMBER: RESPONSIVENESS TO ALLO ANTIGENS OF A MAJOR HISTO TITLE:

COMPATIBILITY COMPLEX HAPLOTYPE SHOW UNALTERED SHEEP RED

BLOOD CELL SPECIFIC HELPER ACTIVITY.

HEBER-KATZ E; WILSON D B AUTHOR(S):

Fed. Proc., (1976) 35 (3), 627. CODEN: FEPFA7. ISSN: 0014-9446. SOUP.CE:

Conference DOCUMENT TYPE: BR; OLD FILE SEGMENT: Unavailable LANGUAGE:

=> s propylthiouracil and (cardiac or heart)

1092 PROPYLTHIOURACIL AND (CARDIAC OR HEART) L6

=> s propylthiouracil (p) (cardiac or heart)

486 PROPYLTHIOURACIL (P) (CAPDIAC OR HEART)

=> s 17 and (heal? or wound or scar)

15 L7 AND (HEAL? OR WOUND OR SCAR) L8

```
=> dup rem 18
```

PROCESSING COMPLETED FOR L8

13 DUP REM L8 (2 DUPLICATES REMOVED)

=> d 19 ibib aks tot

L9 ANSWER 1 OF 13 USPATFULL

ACCESSION NUMBER: 2002:209575 USPATFULL Controlled release oral dosage for suitable for oral TITLE:

administration

Mulye, Nirmal, Long Beach, NY, United States

INVENTOR(S):

PATENT ASSIGNEE(S):

Mulye, Milmal, Long Beach, NI, Onlice States

Norstrum Pharmaceuticals, Inc., Long Beach, NY, United

States (U.S. corporation)

KIND DATE NUMBER -----PATENT INFORMATION: US 6437000 B1 20020820 APPLICATION INFO:: US 2000-650837 20000830 20000830 (9)

NUMBER DATE

\_\_\_\_\_ PRIORITY INFORMATION: US 1999-152114P 19990902 (60)

PRIMARY EXAMINER: Utility
GRANTED
PRIMARY EXAMINER: Pryor, Alton

LEGAL REFRESENTATIVE: Scully, Scott, Murphy & Presser

NUMBER OF CLAIMS: 38 EXEMPLAPY CLAIM: 1

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 826

CAS INDEXING IS AVAILABLE FOR THIS PATENT. The present invention is directed to a pharmaceutical composition, preferably in the form of a tablet comprising a therapeutically effective amount of a medicament in a carrier comprising a water

insoluble polymer and a water-insoluble inorganic salt.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 2 OF 13 USPATFULL

L9 ANSWER 2 OF 13

ACCESSION NUMBER:

TITLE:

INVENTOF(S):

PATENT ASSIGNEE(S):

USPATFULL

2002:152337 USPATFULL

Correcting diastolic dysfunction in heart failure

Correcting diastolic dysfunction in heart fa

NUMBER KIND DATE \_\_\_\_\_ PATENT INFORMATION: US 6410236 B1 20020625
APPLICATION INFO.: US 1999-387919 19990901
DOCUMENT TYPE: Utility 19990901 (9)

FILE SEGMENT: GRANTED
FRIMARY EXAMINER: Clark, Deborah J. R.
ASSISTANT EXAMINER: Brunovskis, Peter LEGAL REPRESENTATIVE: Medlen & Carroll, LLP

NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 9 Drawing Figure(s); 9 Drawing Page(s)
LINE COUNT: 1528

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention relates to the overexpression of a calcium AB

binding

protein in cardiac myocytes in vivo and in vitro, and in particular, to the correction of diastolic dysfunction. Expression of the calcium binding protein parvalbumin in cardiac myocytes results in an increase

in the rate of relaxation of the cardiac myocyte, in vivo and in vitro. The parvalbumin is expressed from an adenovirus vector,

adeno-associated

virus vector, or gutted adenovirus vector. The transfected in vivo and in vitro cardiac myocytes are also useful in drug screens.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 3 OF 13 USPATFULL

ACCESSION NUMBER: 2001:150697 USPATFULL Delivery of oral drugs

Staniforth, John, Bath, Great Britain TITLE: Tobyn, Michael, Wileshire, Great Britain INVENTOR(S):

KIND DATE NUMBER KIND DATE PATENT INFORMATION: US 2001020147 A1 20010906 APPLICATION INFO.: US 2001-793304 A1 20010226 (9)

NUMBER DATE \_\_\_\_\_

PRIORITY INFORMATION: GB 2000-4701 20000228 GB 2000-9023 20000412

Utility APPLICATION DOCUMENT TYPE:

NUMBER OF CLAIMS: 91
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 LEGAL REPFESENTATIVE: DAVIDSON, DAVIDSON & MAPPEL, LLC, 485 Seventh Avenue,

NUMBER OF DRAWINGS: 18 Drawing Page(s)

Disclosed is a system for delivery of a drug comprising a multiple unit LINE COUNT: dosing device comprising a housing and an actuator, said device containing multiple doses of multiparticulates comprising drug particles, said device upon actuation delivering a unit dose of said multiparticulates, said drug particles having a mean diameter of

greater

than 10 .mu.m to about 1 mm such that an effective dose of said drug cannot be delivered into the lower lung of a human patient. Also disclosed are novel methods, devices and dosage forms for delivering a drug.

ANSWER 4 OF 13 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 2001113245 EMBASE

Congenital thyrotoxicosis in premature infants.

Smith C.; Thomsett M.; Choong C.; Rodda C.; McIntyre H.D.; TITLE: AUTHOR:

Cotterill A.M.

CORPORATE SOURCE: Dr. A.M. Cotterill, Dept. of Paediatric Endocrinology,

Mater Children's Hospital, Brisbane, QLD 4101, Australia

Clinical Endocrinology, (2001) 54/3 (371-376). SOURCE:

Refs: 19

ISSN: 0300-0664 CODEN: CLENAO

United Kingdom COUNTRY: Journal; Article DOCUMENT TYPE: 003 Endocrinology FILE SEGMENT:

007 Pediatrics and Pediatric Surgery
037 Drug Literature Index
038 Adverse Reactions Titles

English LANGUAGE: SUMMARY LANGUAGE: English

OBJECTIVES: Graves' disease (GD) complicates 0.1% to 0.2% of pregnancies, but congenital thyrotoxiccsis is rare occurring in one in 70 of these pregnancies independent of maternal disease status. Antenatal prediction of affected infants is imprecise; however, maternal history, coupled with a high maternal serum TSH receptor binding immunoglobulin index (TBII)

predict adverse neonatal outcome. Mortality is reported to be as high as 25% in affected infants and would therefore be expected to be higher in premature infants. This study illustrates that in sick, premature,

extreme

low birth weight (ELBW) or intrauterine growth retarded (IUGR) infants, the diagnosis maybe overlooked especially in the absence of antenatal

assessment and management of thyrotoxicosis in this setting is complex. DESIGN and PATIENTS: The records of premature neonates born at the three main maternity units in Brisbane, between January 1996 and July 1998 diagnosed with congenital thyrotoxicosis were reviewed. Data were

on gestational age, birth weight (B Wt), maternal thyroid history and recorded current status, and neonatal course. Thyroid function and TBII status was assessed using standard biochemical assays. RESULTS: Seven neonates from five pregnancies were identified (four female, three male). Mean gestational age was 30 week (25-36 week) and median B Wt was 1.96 kg (0.50-2.62 kg). Only one mother received formal antenatal counselling by

paediatric endocrine service and had a TBII (54%) measured prior to delivery. Three of five mothers had elevated TBII measured after diagnosis

in their offspring (57%, 65%, 83%) and in one mother, a TBII was not performed. All mothers were biochemically euthyroid at delivery. Mean age at diagnosis was 9 days (1-16 days) and mean age at commencement of treatment was 12 days (7-26 days). Two infants received propylthiouracil and five received a combination of carbimazole and propranolol. Four became biochemically hypothyroid, in three this resolved with cessation of the antithyroid drug (ATD), and one required ongoing T4 supplementation. Only one infant required treatment for cardiac failure and there were no deaths in this cohort. CONCLUSIONS: This is a large series of extremely small and premature infants with neonatal thyrotoxicosis. Presentation was nonspecific. The diagnosis was delayed because of low birth weight, prematurity, multiple birth and/or an unrecognized maternal history of Graves' disease. The treatment of neonatal thyrotoxicosis was difficult in these extreme low birth weight infants yet no infant died and significant morbidity was confined to high output cardiac failure in one infant. With antenatal recognition of past or active Graves' disease, assessment of maternal TSH receptor binding immunoglobulin index prior to delivery and postnatal monitoring of cord TSH and venous fT4 and TSH on days 4 and 7 rapid treatment of affected infants may have further reduced neonatal morbidity.

ANSWER 5 OF 13 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 1996:469712 BIOSIS PREV199699192068

Consensus statement for good practice and audit measures DOCUMENT NUMBER: TITLE:

the management of hypothyroidism and hyperthyroidism. in Vanderpump, M. P. J.; Ahlquist, J. A. O.; Franklyn, J. A.; AUTHOR (S):

Clayton, R. N. (1) (1) Dep. Diabetes Endocrinol., City Gen. Hosp., Stoke on COPPORATE SOURCE:

Trent ST4 6QG UK

British Medical Journal, (1996) Vol. 313, No. 7056, pp. SOURCE:

539-544.

ISSN: 0959-8138.

Standard DOCUMENT TYPE: English. LANGUAGE:

DUPLICATE 1 WEDTINE ANSWER 6 OF 13

MEDLINE ACCESSION NUMBER: 96200639

96200639 FubMed ID: 8677108 DOCUMENT NUMBER:

Successful treatment of recurrent non-immune hydrops TITLE:

secondary to fetal hyperthyroidism.

Treadwell M C; Sherer D M; Sacks A J; Ghezzi F; Romero R AUTHOR:

Department of Obstetrics and Gynecology, Hutzel CORPORATE SOURCE:

Hospital/Wayne State University, Detroit, Michigan, USA. OBSTETRICS AND GYNECOLOGY, (1996 May) 87 (5 Pt 2) 838-40.

SOURCE:

Journal code: 0401101. ISSN: 0029-7844.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

Abridged Index Medicus Journals: Priority Journals FILE SEGMENT:

199508 ENTRY MONTH:

Entered STN: 19960822 ENTRY DATE:

Last Updated on STN: 19960822

Entered Medline: 19960815

BACKGROUND: Non-immune fetal hydrops is a heterogeneous disorder with a mortality rate of 50-98%. Resolution of non-immune fetal hydrops is rare AΒ but has been reported to occur spontaneously or after targeted

therapeutic

measures. CASE: A euthyroid gravida with Graves disease presented with a history of three prior perinatal deaths between 26 and 28 weeks' gestation, all associated with fetal hydrops. In the current pregnancy, the fetus developed hydrops at 24 weeks' gestation. Fetal

hyperthyroidism,

with high-output cardiac farlure, was diagnosed with fetal blood sampling. After maternal therapy with propylthiouracil, resolution of the non-immune hydrops were documented and a healthy nechate subsequently delivered to term. The neonate developed transient hyperthyroidism after delivery, which required treatment for 10 weeks. CONCLUSION: Non-immune hydrops occurring as a result of fetal hyperthyroidism with high output cardiac failure is treatable with propylthiouracil.

ANSWER 7 OF 13 USPATFULL

ACCESSION NUMBER: 94:88500 USPATFULL

Controlled release powder and process for its TITLE:

preparation

Sparks, Randall T., Gainesville, GA, United States INVENTOR(S):

Geoghegan, Edward J., Westmeath, Ireland

PATENT ASSIGNEE(S): Elan Corporation, plc, Athlone, Ireland (non-U.S.

corporation)

NUMBER KIND DATE PATENT INFORMATION: US 5354556 19941011
APPLICATION INFO.: US 1990-537065 19900709 (7)
DISCLAIMER DATE: 20070828 -----

RELATED APPLN. INFO.: Continuation of Ser. No. US 1988-169447, filed on 17 Mar 1983, now patented, Pat. No. US 4952402 which is a

continuation of Ser. No. US 1985-792801, filed on 30

Oct 1985, now patented, Pat. No. US 4940588

NUMBER DATE \_\_\_\_\_\_

PPIORITY INFORMATION: IE 1984-278884 19841030

LOCUMENT TYPE: Utility

FILE SEGMENT: Granted
PRIMARY EXAMINER: Page, Thurman K.
ASSISTANT EXAMINER: Harrison, P.
LEGAL REPRESENTATIVE: Church, Marla J.
NUMBER OF CLAIMS: 12

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

EXEMPTAR: CLAIP.

NUMBER OF DRAWINGS: 16 Drawing Figure(s); 16 Drawing Page(s)

LINE COUNT: 1139

LINE COUNT:

CAS INDEXING IS AVAILABLE FOF THIS PATENT.

A controlled release powder containing discrete micro-particles for use in edible, pharmaceutical and other controlled release compositions is disclosed. The micro-particles have an average size in the range of

from

0.1 to 125 .mu.m. Each of the micro-particles is in the form of a micromatrix of an active ingredient uniformly distributed in at least one non-toxic polymer. The micro-particles have a predetermined release of active ingredient when the dissolution rate thereof is measured according to the Paddle Method of U.S. Pharmacopoeia XX at 37.degree.

С.

and 75 r.p.m.

CAS INLEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 8 OF 13 USPATFULL

ACCESSION NUMBER: 90:91090 USPATFULL Synthetic peptides derived from the alpha-subunit of TITLE:

human lycoprotein hormones

Ryan, Robert J., Rochester, MN, United States INVENTOR(S):

McCormick, Daniel J., Rochester, MN, United States Morris, John C., Rochester, MN, United States Charlesworth, M. Cristine, Rochester, MN, United

Mayo Foundation for Medical Education and Research, States PATENT ASSIGNEE(S):

Rochester, MN, United States (U.S. corporation)

KIND DATE NUMBEP. US 4973578 19901127 US 1988-169375 19880317 PATENT INFORMATION: US 4973578
APPLICATION INFO.: US 1988-169375
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Mcezie, F. T. 19880317 (7)

LEGAL REPRESENTATIVE: Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A.

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 12 Drawing Figure(s); 8 Drawing Page(s) 809

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Synthetic peptides corresponding to .alpha.-subunit of human

glycoprotein hormone amino acid regions .alpha.31-45, .alpha.21-35, .alpha.26-46 and .alpha.81-92; were found to inhibit binding of 125.sub.I-bTSH to human thyroid. Peptides corresponding to regions .alpha.26-46 and .alpha.31-45 were also found to potently inhibit the stimulation of adenylate cyclase activity by bTSH in a TSH bioassay using FRTL-5 cells and block the action of thyroid stimulating

immunoglobulin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 9 OF 13 USPATFULL

ACCESSION NUMBER: 90:67456 USPATFULL

Controlled release powder and process for its TITLE:

preparation

Sparks, Randall T., Galnesville, GA, United States INVENTOR(S):

Geoghegan, Edward J., Athlone, Ireland

Elan Corporation, p.l.c., Athlone, Ireland (non-U.S. PATENT ASSIGNEE(S):

corporation)

NUMBER KIND DATE ------PATENT INFORMATION: US 4952402 19900828 APPLICATION INFO.: US 1988-169447 19880317

RELATED APPLN. INFO.: Continuation of Ser. No. US 1985-792801, filed on 30

Oct 1985, now abandoned

D'ATE NUMBER \_\_\_\_\_

PRIORITY INFORMATION: IE 1984-2788 19841030 Utility

DOCUMENT TYPE:

Granted

FILE SEGMENT: Granted
PRIMARY EXAMINER: Page, Thurman K.

LEGAL REPRESENTATIVE: Falk, Robert Hardy, Croskell, Henry

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

15 Drawing Figure(s); 15 Drawing Page(s)

1310

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

A controlled release powder containing discrete micro-particles for use in edible, pharmaceutical and other controlled release compositions is

disclosed. The micro-particles have an average size in the range of

from

0.1 to 125 .mu.m. Each of the micro-particles is in the form of a micromatrix of an active ingredient uniformly distributed in at least one non-toxic polymer. The micro-particles have a predetermined release of active ingedient when the dissolution rate thereof is measured according to the Faddle Method of U.S. Pharmacopoeia XX at 37.degree.

С.

and 75 r.p.m.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 10 OF 13 USPATFULL

ACCESSION NUMBER: 30:54484 USPATFULL

controlled release powder and process for its TITLE:

preparation

Sparks, Randall T., Gainesville, GA, United States INVENTOR(S):

Geognegan, Edward J., Athlone, Ireland

PATENT ASSIGNEE(S): Elan Corporation, Athlone, Ireland (non-U.S.

corporation)

KIND DATE NUMBER -----

PATENT INFORMATION: US 4940588 19900710 APPLICATION INFO.: US 1988-171131 19880317 (7)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1985-792801, filed on 30

Oct 1935, now abandoned

NUMBER DATE 

PRIORITY INFORMATION: IE 1984-2788 19841030

DOCUMENT TYPE:

Utility
FILE SEGMENT:
PRIMARY EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:

TE 1964-2700

Utility
Granted
Rose, Shep K.
Falk, Robert H., Croskell, Henry

1 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 16 Drawing Figure(s); 15 Drawing Page(s) LINE COUNT: 1123

CAS INDEXING IS AVAILABLE FOR THIS PATENT. A controlled release powder containing discrete micro-particles for use in edible, pharmaceutical and other controlled release compositions is disclosed. The micro-particles have an average size in the range of

from

0.1 to 125 .mu.m. Each of the micro-particles is in the form of a micromatrix of an active ingredient uniformly distributed in at least one non-toxic polymer. The micro-particles have a predetermined release of active ingredient when the dissolution rate thereof is measured according to the Paddle Method of U.S. Pharmacopoeia XX at 37.degree.

С.

and 75 r.p.m.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 11 OF 13 USPATFULL

ACCESSION NUMBER: 90:32202 USPATFULL

Method of lowering LDL cholesterol in blood Nestler, John E., Richmond, VA, United States TITLE: INVENTOR(S):

Barlascini, Cornelius O., Columbus, GA, United States

Clore, John N., Richmond, VA, United States

Blackard, William G., Richmond, VA, United States Virginia Commonwealth University, Richmond, VA, United PATENT ASSIGNEE(S):

States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 4920115 19300424
APPLICATION INFO.: US 1988-291149 19881228 (7)
DOCUMENT TYPE: UHilli:

Utility DOCUMENT TYPE: Granted FILE SEGMENT:

PRIMARY EXAMINER: Snead, H. M. S. ASSISTANT EXAMINER: Saba, James

LEGAL REPRESENTATIVE: Whitham & Marhoefer

NUMBER OF CLAIMS: 8 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 516

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS FATENT.

Therapeutic amounts of DHEA are administered to human patients for the treatment and prevention of such disorders as atherosclerosis, angina, diabetes, obesity and congestive heart failure. Administering therapeutic quantities of CHEA to human patients has been found to reduce body fat mass and increase muscle mass, lower serum LDL cholesterol levels, lower serum apcB levels, and not affect tissue sensitivity to insulin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 12 OF 13 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1985:420720 CAPLUS

103:20720 DOCUMENT NUMBER:

A myothermal analysis of the myosin crossbridge TITLE:

cycling rate during isometric tetanus in normal and

hypothyroid rat hearts

Alpert, N. R.; Mulieri, L. A.; Litten, R. Z.; AUTHOR(S):

Holubarsch, C.

Dep. Physiol. Biophys., Univ. Vermont, Burlington, CORPORATE SOURCE:

VT,

Eur. Heart J. (1984), 5(Suppl. F), 3-11 SOURCE:

CODEN: EHJODF; ISSN: 0195-668X

Journal DOCUMENT TYPE: English

The problem of internal shortening, which takes place during force development and dissipation in the isometric twitch, is minimized by carrying out measurements of the rate of heat liberation during the plateau phase of tetanic force maintenance. The V1/V3 myosin isoenzyme ratio is altered by treating rats with propylthiouracil (PTU) added to the drinking water; here the contractile protein alteration occurs with myocardial atrophy rather than hypertrophy. High resoln., rapid temp. measurements are made in tetanically stimulated isometrically contracting rat heart papillary muscles from normal (high V1/V3 ratio) and PTU treated (low V1/V3 ratio) rats to assess the relation between contractile protein performance (crossbridge cycling rate) in the intact muscle and that under controlled conditions in isolated

myofibrils. In papillary muscles from the normal **heart** the crossbridge cycling rate during force maintenance was 6.53 Hz compared with 3.13 and 0.53 cycles/s in the myofibril at high and low ionic strength, resp. For the PTU treated papillary muscles the cycling rate during force maintenance was 2.71 cycles/s while in the myofibril at high and low

ionic

strength it was 0.97 and 0.34 cycles/s, resp. This difference may be a result of reduced cycling rate in myofibrillar prepns. caused by a disorganization of the filament lattice as a result of loss of the sarcolemma and when unrestrained sarcomere shortening occurs. Similar to the results found previously in the rabbit (with low V1/V3 ratios) the economy of force maintenance was substantially increased in the PTU (low V1/V3) treated rat hearts. Anal. of this increase in economy indicates that it resulted from a decrease in the myosin crossbridge cycling rate assocd. with an increase in the on time (period during which the crossbridge is connected to actin and developing force). In the normal heart prepns. studies were carried out at a lower temp. (21 vs 11.degree.) to see if decreasing the cycling rate by means of a temp. change would increase the economy of force maintenance and if the Q10 for the cycling rate and on time were identical. Force maintenance at the lower temp. was more economical than at the higher temp. while the Q10

for cycling rate and on time were 1.7 and 2.7, resp.

ANSWER 13 OF 13 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1956:45584 CAPLUS

50:45584 DOCUMENT NUMBER: ORIGINAL REFEPENCE NO.: 50:8848d-e

Effects of sitosterol ingestion on serum cholesterol TITLE:

concentration Shipley, R. E.

AUTHOR(S):

CORPORATE SOURCE: Indianapolis General Hosp., IN SOURCE: Trans. N.Y. Acad. Sci. (1955), 18, 111-18

Journal DOCUMENT TYPE: Unavailable LANGUAGE:

Feeding of sitosterol to the following caused a lowering of serum cholesterol: dogs made hypercholesteremic by cholesterol feeding and propylthiouracil; healthy male adult; female adult with hypertension; female adult with hypercholesteremia and arteriosclerotic heart disease; female adult with hypercholesteremia; male diabetic.

=> d kwic 2 5 9 11

ANSWER 2 OF 13 USPATFULL

This invention was made with Government support under a National Institutes of Health grant awarded by contract AG15434. The GOVI government has certain rights in this invention.

 $\tilde{.}$  . to be 4-5 million individuals, with annualized hospital and care costs of about \$12, billion per year (Levit et al., Health SUMM Care Finan. Rev. 13: 29-54, [1991]; O'Connell, J. Heart Lung Transplant 13: S107-S248, [1994]; Gheorghiade et al., Am. Heart J.. .

. . . Sprague Dawley rats by enzymatic digestion as described previously (Westfall, et al., supra). Rats were made hypothyroid by DETE adding 0.6% propylthiouracil to the drinking water for a minimum of 4 weeks prior to myocyte isolation. Myocytes were isolated by

removing the heart from an anesthetized rat and perfusing the heart with Kreb's Henseleit Buffer (KHB)+1 mM CaCl.sub.2 for 5 minutes on a modified Langendorff perfusion apparatus. The heart was then perfused with Ca.sup.2+ -free KHB for 5 minutes followed by addition of collagenase (0.5 mg/ml) and hyaluronidase (0.2. . .

ANSWER 5 OF 13 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. L9 ΙT

Major Concepts Cardiovascular Medicine (Human Medicine, Medical Sciences); Development; Endocrine System (Chemical Coordination and Homeostasis); Metabolism; Pathology; Pharmacology; Public Health (Allied Medical Sciences); Radiology (Medical Sciences); Reproductive System (Reproduction); Surgery (Medical Sciences); Toxicology

```
Chemicals & Biochemicals
       THYPOXINE; CARBIMAZOLE; PROPYLTHIOUPACIL
    Miscellaneous Descriptors
       ADVERSE SIDE EFFECTS; ANTITHYROID-DRUG; CARBIMAZOLE; DIAGNOSIS;
ΤT
       DISEASE; HYPEREMESIS GRAVIDARUM; ISCHEMIC HEART DISEASE;
GRAVES'
     PROPYLTHIOURACIL; RADIOIODINE; SURGERY; THIONAMIDES;
       THYROIDITIS; THYROTOXICOSIS; THYROXINE
   ANSWER 9 OF 13 USPATFULL
       . . . ascorbic acid, alpha tocopherol, thiamine and pyridoxine;
1.9
       anti-spasmodic drugs such as dicyclomine and diphenoxylate; drugs
DETD
       affecting the rhythm of the heart such as verapamil,
       nifedipine, diltiazem, procainamide, disopyramide, bretylium tosylate,
       quinidine sulfate and quinidine gluconate; drugs used in the treatment
       of. . . as tolkutamide, disbenase glucagon and insulin; drugs used
       the treatment of thyroid gland disfunction such as triiodothyronine,
in
       thyroxine and propylthiouracil, diuretic drugs such as
       furosemide, chlorthalidone, hydrochlorthiazide, spironolactone and
       triamterene; the uterine relaxant drug ritodrine; appetite suppressants
       Other suitable formulations incorporating the micro-particles according
       such as fenfluramine. .
       to the invention include inhalants, magmas, intrauterine devices,
DETD
       patches, bicdegradable wound dressings and other topical
       dressings.
     ANSWER 11 OF 13 USPATFULL
       This invention was made with U.S. Government support under contracts
       RR00065 and AM07428 awarded by the National Institutes of Health
 GOVI
        . The government has certain rights in this invention.
        . . . Geriatrics 37: 157 (1982), DHEA was reported to be a "miracle
       drug" which may prevent obesity, aging, diabetes mellitus and
 SUMM
      heart disease. These assertions stem from animal studies which
        demonstrated that DHEA administration resulted in lower body weight in
        C3H(Avy/a) mice. . . tissue sensitivity to insulin in aged normal
        mice, and prevented the rise in cholesterol levels of rats made
        hypothyroid with propylthiouracil. Human studies have revealed
        an inverse correlation between fetal serum DHEA-S and low density
        lipoprotein (LDL) levels (Parker et al,. . .
        . . . men contrasts significantly with animal studies, in which DHEA
        prevented the rise in serum cholesterol in rats made hypothyroid with
 DETD
      propylthiouracil, but had no effect on serum cholesterol levels
        in normal rats (Ben-David et al, Proc. Soc. Exp. Biol. Med. 125:.
        inventor's study represents an estimated 14% reduction in risk for the
        development of cardiovascular disease. The derived reduction of
      heart disease from the reduction of cholesterol is discussed in
 coronary
        the Lipid Research Clinics article, JAMA, 251: 365-3/4 (1984), and
  this.
  => d history
       (FILE 'HOME' ENTERED AT 10:35:09 CN 09 OCT 2002)
       FILE 'MEDLINE, CAPLUS, LIFESCI, EMBASE, USPATFULL, BIOSIS' ENTERED AT
       10:35:26 ON 09 OCT 2002
                  E HEBER-KATZ ?/AU
                  E HEBER KATZ ?/AU
              327 S E4-6
  L1
                7 S L1 AND (CARDIAC OR HEART)
  L2
               3 DUP FEM L2 (4 DUPLICATES REMOVED)
  L3
              127 DUP REM L1 (200 DUPLICATES REMOVED)
```

L4

```
124 S L4 NOT L2
          1092 S PROPYLTHICURACIL AND (CARDIAC OF HEART)
            486 S PROPYLTHICURACIL (P) (CARDIAC OF HEART)
L7
            15 S L7 AND (HEAL? OR WOUND OR SCAR)
L8
             13 DUP REM L8 (2 DUPLICATES REMOVED)
L_9
=> s 17 and ischemia
             5 L7 AND ISCHEMIA
L10
=> s 110 not 18
             € L10 NOT L8
T.11
=> dup rem 111
PROCESSING COMPLETED FOR L11
              3 DUP REM L11 (3 DUPLICATES REMOVED)
L12
\Rightarrow d 112 ibib abs tot
L12 ANSWER 1 OF 3 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.DUPLICATE 1
ACCESSION NUMBER: 93231809 EMBASE
                    1993231809
DOCUMENT NUMBER:
                    [Acute ischemic heart disease and thyrotoxicosis:
                    Rapid regression of myocardial ischemia with
TITLE:
                    propranoicl and propylthiouracil. A case report].
                    ISCHEMIA MIDCARDIA ACUTA IN CORSO DI
                     TIREOTOSSICOSI: REGRESSIONE RAPIDA DELL'ISCHEMIA
                     CON L'IMPIEGO DI PROPRANOLOLO E PROPILTIOURACILE.
                     DESCRIZIONE DI UN CASO CLINICO.
                     Della Corte C.; Della Corte R.; Festa M.
 CORPORATE SOURCE: Piazza della Rocca, 2,01100 Viterbo, Italy
 AUTHOR:
                     Gazzetta Medica Italiana Archivio per le Scienze Mediche,
 SCURCE:
                     (1993) 152/4 (149-153).
                     ISSN: 0393-3660 CODEN: GMIMES
                     Italy
 COUNTRY:
                     Journal; Article
 DOCUMENT TYPE:
                     003 Endocrinology
                             Cardiovascular Diseases and Cardiovascular Surgery
 FILE SEGMENT:
                     018
                             Drug Literature Index
                     037
                     Italian
 LANGUAGE:
 SUMMARY LANGUAGE: Italian; English
                                                        DUPLICATE 2
 L12 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
                          1989:571851 CAPLUS
 ACCESSION NUMBER:
                           111:171851
 DOCUMENT NUMBER:
                          Ventricular fibrillation is reduced in hypothyroid
                          rats with enhanced myocardial .alpha.-adrenoceptor
 TITLE:
                           responsiveness
                           Chess-Williams, R.; Coker, S. J.
                          Dep. Pharmacol. Ther., Univ. Liverpool, Liverpool,
  AUTHOP(S):
  CORPORATE SOURCE:
  L69
                           3BX, UK
                           Br. J. Pharmacol. (1989), 98(1), 95-100
  SOURCE:
                           CODEN: BJPCBM; ISSN: 0007-1188
                           Journal
  DOCUMENT TYPE:
                           English
       The severity of ventricular arrhythmias induced by coronary artery
  LANGUAGE:
       occlusion and reperfusion was examd. in control rats and animals made
       hypothyroid by pretreatment with 6-propylthiouracil (PTU). The
       maximal driving frequency and sensitivity of isolated left atria and
       papillary muscles to isoprenaline and to phenylephrine in the presence of
       progranolol, were also examd. in tissues from control and hypothyroid
       animals. Pretreatment with PTU resulted in a potentiation of responses
```

the .alpha.-adrenoceptor agonist phenylephrine in both left atria and papillary muscles, while responses to isoprenaline were depressed in left atria but unaltered in papillary muscles from hypothyroid animals. In rats subject to coronary artery occlusion, PTU pretreatment reduced the incidence of ventricular fibrillation during acute myocardial ischemia and abolished reperfusion-induced ventricular fibrillation. Mortality during myocardial ischemia and reperfusion was also abolished. Diastolic blood pressure was similar in hypothyroid and control animals, but there was a small redn. in systolic blood pressure and a marked decrease in heart rate in PTU-pretreated animals. Thus, PTU-induced hypothyroidism represents a condition where cardiac .alpha.-adrenoceptor-mediated responses are enhanced but the severity of ischemia- and reperfusion-induced arrhythmias is reduced.

L12 ANSWER 3 CF 3 CAPLUS COPYRIGHT 2002 ACS 1979:146811 CAPLUS ACCESSION NUMBER:

90:146811 DOCUMENT NUMBER:

Alcohol induced susceptibility to hypoxic liver damage: possible role in the pathogenesis of TITLE:

alcoholic liver disease?

Israel, Y.; Orrego, H.; Khanna, J. M.; Stewart, D. AUTHOR(S):

J.;

Phillips, M. J.; Kalant, H.

Addict. Res. Found., Univ. Toronto, Toronto, Ont., CORPORATE SOURCE:

Hepatology (N. Y.) (1977), 3(Alcohol Liver), 323-48 SOURCE:

CODEN: HEPADF; ISSN: 0161-0538

Journal DOCUMENT TYPE: LANGUAGE:

Chronic EtOH [64-17-5] feeding to rats caused increased alc. metab., O uptake and liver lesions. The severity of the lesions was proportional t.o

the degree of hypoxia. The alterations were localized in the periacinar zone and were characterized by necrosis, degeneration, and mild

infiltration. Propylthiouracil treatment which is known to leukocytic reduce tissue O consumption markedly protected against liver damage induced by hypoxia in alc.-treated animals. The liver of the spontaneously hypersensitive strain of rats showed marked increases in alc. metab. and of O consumption following chronic alc. feeding. These animals, in which cardiac output and liver perfusion rates were known to be reduced by hypertension, developed liver lesions spontaneously, when EtOH was fed chronically. Ischemia, resulting from a combination of metabolic factors and subclin. and clin. conditions may play a role in producing liver lesions of an alc.

=> d 1 ail

```
L12 ANSWER 1 OF 3 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.DUPLICATE 1
    93231809 EMBASE
ΑN
```

DN

[Acute ischemic heart disease and thyrotoxicosis: Rapid regression of myocardial ischemia with propranolol and TIpropylthiouracil. A case report].

ISCHEMIA MIOCARDIA ACUTA IN COPSO DI TIPEOTOSSICOSI: REGRESSIONE RAPIDA DELL'ISCHEMIA CON L'IMPIEGO DI PROPRANOLOLO E PROFILTIOURACILE. DESCRIZIONE DI UN CASO CLINICO.

Della Corte C.; Della Corte R.; Festa M.

Piazza della Rocca, 2,01100 Viterbo, Italy ΑU

Gazzetta Medica Italiana Archivio per le Scienze Mediche, (1993) 152/4 CS (149-153).

ISSN: 0393-3660 CODEN: GMIMES

Italy CY

```
Journal; Article
DT
            Endocrinology
             Cardiovascular Diseases and Cardiovascular Surgery
FS
             Drug Literature Index
     037
     Italian
A.T
     Italian; English
SL
     Medical Descriptors:
СТ
     *ischemic heart disease: DT, drug therapy
     *thyrotoxicosis: DT, drug therapy
     aged
     article
     case report
     female
     human
     Drug Descriptors:
     *propranolol: DT, drug therapy
     *propylthiouracil: DT, drug therapy
     calcium antagonist: DT, drug therapy
     digoxin: DT, drug therapy
      glyceryl trinitrate: DT, drug therapy
      heparin: DT, drug therapy
      lanatoside c: DT, drug therapy
     (propranolol) 13013-17-7, 313-98-9, 3506-09-0, 4199-09-1, 525-66-6;
      (propylthiouracil) 51-52-5; (digo::in) 20830-75-5, 57285-89-9; (glyceryl
 RN
      trinitrate) 55-63-0; (heparin) 37187-54-5, 8057-48-5, 8065-01-8,
      9005-48-5; (lanatcside c) 17575-22-3; (verapamil) 152-11-4, 52-53-9
 => s hypothyroid: and heart
           5511 HYPOTHYROID? AND HEART
 L13
 => s 113 and (wound or ischemi?)
            573 L13 AND (WOUND OR ISCHEMI?)
 L14
 => s 113 (p) (wound or ischemi?)
  PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOR ASSUMED 'L67 (P) '
  PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOF ASSUMED 'L68 (P)
  PROMIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOR ASSUMED 'L69 (P) '
  PROMIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOR ASSUMED 'L70 (P) '
  PROMIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOR ASSUMED 'L71 (P) '
  PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
  FIELD CODE - 'AND' OPERATOR ASSUMED 'L72 (P) '
             573 L13 (P) (WOUND OP ISCHEMI?)
  L15
  => s hypothyroid? (p) ( heart or cardiac)
             4365 HYPOTHYROID? (P) (HEART OR CARDIAC)
  L16
  => s 116 (p) (wound or ischemi?)
              177 L16 (P) (WOUND OR ISCHEMI?)
   L17
   => dup rem 117
   PROCESSING COMPLETED FOR L17
               121 DUP REM L17 (56 DUPLICATES REMOVED)
   1.18
```

=> s 118 an py<2001

MISSING OPERATOR L18 AN

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

 $\Rightarrow$  s 118 and py<2001

3 FILES SEARCHED...

95 L18 AND PY<2001

=> d 119 ib abs 1-10

MEDLINE L19 ANSWER 1 OF 95

ACCESSION NUMBER: 2000080513 MEDLINE

20080513 PubMed ID: 10614850 DOCUMENT NUMBER:

Combined cardiac surgery and total thyroidectomy: a case TITLE:

report.

Matsuyama K; Ueda Y; Ogino H; Sugita T; Nishizawa J; Matsubayashi K; Yoshimura S; Yoshioka T; Tokuda Y AUTHOR:

CORPORATE SOURCE: Department of Cardiovascular Surgery, Tenri Hospital,

Nara,

Japan.

JAPANESE CIRCULATION JOURNAL, (1999 Dec) 63 (12) SOURCE:

1004-6.

Journal code: 7806868. ISSN: 0047-1828.

Australia PUB. COUNTRY:

Journal; Article; 'JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

200001 ENTRY MONTH:

Entered STN: 20000204 ENTRY DATE:

Last Updated on STN: 20000204 Entered Medline: 20000127

A 65-year-old woman with aortic stenosis, ischemic heart disease, and Graves' disease had complained of effort angina. She then ΔR suffered from liver dysfunction due to treatment with antithyroid drugs. One year after the start of radioiodine administration, she demonstrated unstable angina with palpitation and sweating. Laboratory studies

a recurrent hyperthyroid state, and a second coronary angiogram revealed progressive ischemic heart disease. Combined coronary artery bypass grafting, aortic valve replacement, and total thyroidectomy were performed. The postoperative course was uneventful without any problems associated with hyperthyroidism or hypothyroidism. Combined cardiac surgery and total thyroidectomy can be performed safely if the perioperative levels of thyroid hormone are maintained at euthyroid or hypothyroid levels.

L19 ANSWER 2 OF 95 MEDLINE

MEDLINE ACCESSION NUMBER: 97430416

PubMed ID: 9333319 97430416 DOCUMENT NUMBER:

TITLE:

[Hypothyroidism with pseudo-ischemic and hypertensive clinical presentation: physiopathological and diagnostic

considerations].

Ipotiroidismo a presentazione clinica pseudo-ischemica ed

ipertensiva: considerazioni fisiopatologiche e

diagnostiche. La Brocca A

COPPORATE SCURCE: Divisione di Medicina Interna, Ospedale Civile di Giaveno

(TO), Azienda Regionale U.S.L. 5 di Torino.

ANNALI ITALIANI DI MEDICINA INTERNA, (1997 Apr-Jun) SOURCE:

12 (2) 94-7.

Journal code: 8806705. ISSN: 0393-9340.

Italy PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

Italian LANGUAGE:

Priority Journals FILE SEGMENT:

199710

ENTRY MONTH: Entered STN: 19971024 ENTRY DATE:

Last Updated on STN: 19971024 Entered Medline: 19971014

Serious primary hypothyroidism, disclosed fortuitously through routine thyroid function test derangements, was found in a 40-year-old AΒ woman admitted to the hospital with a tentative diagnosis of

ischemic heart disease. The clinical picture and electrocardiographic alterations of pseudo-ischemic

heart disease associated with hypertension, particularly diastolic, may be the only significant manifestations of

hypothyroidism. Substitutive hormone replacement therapy enables a

good prognosis for children and young adults. A diagnosis of hypothyroidism should be considered during the initial evaluation of pseudo-ischemic, hypertensive and hypercholesterolemic patients, even when no other signs or clinical symptoms of hormonal

deficiency are evident. Particular attention should be paid to female patients, as they are much more frequently affected by thyroid

pathologies.

MEDLINE L19 ANSWER 3 OF 95

ACCESSION NUMBER: 97249722 MELLINE

97249722 PubMed ID: 9095585

A case report on successful coronary artery bypass DOCUMENT NUMBER: TITLE:

grafting

(CABG) for angina pestoris combined with hypothyroidism.

Furukawa K; Ooteki H; Dci K; Shiraishi R AUTHOR:

CORPORATE SOURCE: Department of Cardiovascular Surgery, Saga Prefectural

Hospital Koseikan, Japan.

KYOBU GEKA. JAPANESE JOURNAL OF THORACIC SURGERY, SCURCE:

(1997 Apr) 50 (4) 275-8.

Journal code: 0413533. ISSN: 0021-5252.

Japan

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

Japanese LANGUAGE:

Priority Journals FILE SEGMENT:

199705 ENTRY MONTH:

Entered STN: 19970523 ENTRY DATE:

Last Updated on STN: 19970523 Entered Medline: 19970514

Coronary artery bypass grafting (CABG) for patients with ischemic

heart disease and hypothyroidism contains many

controversies, such as a need of preoperative thyroid replacement therapy and the influences on thyroid function and hemodynamics. A 73-year-old

man

with three vessel disease including left main trunk lesion was admitted for CABG. Primary hypothyroidism was diagnosed after admission because of high CPK value. The CABG was performed safely with

preoperative

minimal thyroid replacement and his postoperative course was uneventful. We evaluated the change of perioperative thyroid hormones. At the start

οf

the extracorporeal (ECC), values of T3 and free-T3 decreased progressively, but the change was small. On the other hand, values of T4 and free-T4 increased after the start of ECC. It is suggested that CABG for a patient with angina and hypothyroidism can be performed safely with minimal preoperative thyroid replacement therapy.

MEDLINE L19 ANSWER 4 OF 95

ACCESSION NUMBER: 97123428 MEDLINE

DOCUMENT NUMBER: 97123428 PubMed ID: 8968675
TITLE: The use of thyroid hormone in cardiac surgery.

Dyke C AUTHOR:

University of Pittsburgh Medical Center, PA 15213, USA. CORPORATE SOURCE: CURRENT OPINION IN CARDIOLOGY, (1996 Nov) 11 (6)

SOURCE: 603-9. Ref: 51

Journal code: 8608087. ISSN: 0268-4705.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

General Review; (REVIEW)

(REVIEW, TUTORIAL)

English LANGUAGE:

Priority Journals FILE SEGMENT:

199703 ENTRY MONTH:

Entered STN: 19970321 ENTRY DATE:

Last Updated on STN: 19980206

Entered Medline: 19970310

Cardiopulmonary bypass has been demonstrated to produce a state of functional hypothyroidism characterized by low levels of AB circulating tri-iodothyronine and elevated levels of reverse Tri-iodothyronine. This low tri-iodothyronine state may have significant hemodynamic consequences similar to that seen with chronic hypothyroidism. In a number of experimental models, evidence has accumulated suggesting that tri-iodothyronine supplementation to the ischemically injured heart enhances ventricular contractile performance. Clinically, tri-iodothyronine supplementation after cardiac surgery improves hemodynamics, although the population of patients who might benefit from this unconventional therapy remains unclear. In this article, the rationale and experimental evidence for the use of tri-iodothyronine during cardiac surgery are

WEDLINE L19 ANSWER 5 OF 95

reviewed.

ACCESSION NUMBER: 97095617 MEDLINE

PubMed ID: 8999378 97095617 DOCUMENT NUMBER: [Hypothyroidism and megacolon]. TITLE: Ipotiroldisomo e megacolon.

Fiorani S; Feda G; Česarec R; Tomba G; Visentin P P Divisione di Anestesia e Fianimazione, Ospedale S. AUTHOR: COFPORATE SOURCE:

Pertini,

MINERVA ANESTESIOLOGICA, (1996 Jul-Aug) 62 (7-8) SOURCE:

271-5.

Journal code: 0375272. ISSN: 0375-9393.

PUB. COUNTRY: Italy

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

Italian LANGUAGE:

Priority Journals FILE SEGMENT:

199701 ENTRY MONTH:

Entered STN: 19970219 ENTRY DATE:

Last Updated on STN: 19970219

Entered Medline: 19970121

A 71 years old woman, affected by ischemic heart disease from the age of 50 and by chronic constipation was admitted to AB

the

emergency department for drowsiness, intense dyspnea and acute abdominal distension. Laparotomy evidenced a megacolon. Because of the age and sex of the patient the congenital form of the megacolon was ruled out. No one of the more common causes of megacolon was recognized, but a severe hypothyroldism and Hashimoto's thyroiditis was discovered. Treatment with levothyroxine caused a progressive improvement of the general condition

οf

the patient and of the megacolon so that the authors hypothesize that the intestinal pseudo-occlusion was caused by the hypothyroidism. In this paper the authors make a thorough analysis of the literature about the association between hypothyroidism and megacolon. Although many hypothesis have been put forward about the possible pathogenetic association between these two diseases, until now no definitive result

been reached. The authors, moreover, hypothesize that the pleural and pericardial effusion and the peculiar metabolic state characterized by plasma hyponatremia and hyposmolarity, with a constant urinary hyperosmolarity, were also caused by hypothyroidism; in fact the clinical and metabolic conditions improved after levothyroxine therapy.

Τn

the end the authors discuss if it is preferable to use tetraiodothyronine or trilodothyronine for the treatment of intense hypothyroidism in a patient in critical clinical state.

MEDIINE L19 ANSWER 6 OF 95

ACCESSION NUMBER: 97031155 MEDLINE

PubMed ID: 8877081 DOCUMENT NUMBER: 97031155

Effects of hypothyroidism on the vulnerability to TITLE:

ventricular fibrillation in dogs: a comparative study with

amiodarone.

Liu P; Fei L; Wu W; Li J; Wang J; Zhang X

CORFORATE SOURCE: Department of Cardiology, Sun Yat-sen Memorial Hospital,

Sun Yat-sen University of Medical Sciences, Guangzhou,

CARDIOVASCULAR DRUGS AND THERAPY, (1996 Jul) 10 SOURCE:

(3) 369-78.

Journal code: 3712220. ISSN: 0920-3206.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199701 ENTRY MONTH:

Entered STN: 19970128 ENTRY DATE:

Last Updated on STN: 19970128 Entered Medline: 19970114

It has been shown that thyroid hormone has a significant effect on the heart and that suppression of thyroid function may contribute to the antiarrhythmic effect of amicdarone. The study was aimed at investigating the effects of hypothyroidism, compared with those of amiodarone, on vulnerability to ventricular fibrillation in dogs. In this study, 25 adult dogs were randomly divided into three groups: a hypothyroid group following total thyroidectomy (n = 9), an amiodarone group (n = 8, 400 mg per day, 4 weeks), and a control group (n = 8). Both amiodarone and control groups were subjected to sham surgery. Five to 8 weeks after surgery, ventricular fibrillation threshold and other electrophysiological parameters were determined. Right ventricular effective refractory period, monophasic action potential duration, and ventricular fibrillation threshold were significantly increased in both the thyroidectomized and amiodarone-treated animals. There was no significant change in monophasic action potential duration dispersion.

The

with

incidence of ventricular fibrillation during ischemia and reperfusion was significantly reduced in both treated groups compared

the sham-operated euthyrcid controls. These observations suggest that hypothyroidism has a significant antifibrillatory effect in dogs. Homogeneous prolongation of repolarization and refractoriness may contribute to the antifibrillatory action of hypothyroidism.

MEDLINE L19 AMSWER 7 OF 95

ACCESSION NUMBER: 97004669 MEDLINE

97004669 FubMed ID: 8851980

Comparison of the outcome between the calculated dosimetry DOCUMENT NUMBER: TITLE:

and the estimated dosimetry of 1311 in the treatment of

hyperthyroidism.

Sun J H; Huang H S; Huang M J; Huang B Y; Lin J D; Hsu B AUTHOR:

Chiou S C; Lo S K

CORPORATE SOURCE: Department of Internal Medicine, Chang Gung Medical

college

& Memorial Hospital, Taipei, Taiwan, R.O.C.

CHANG-KENG I HSUEH TSA CHIH, (1995 Dec) 18 (4) SOURCE:

322-8.

Journal code: 9809559.

TAIWAN: Taiwan, Province of China Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199512 ENTRY MONTH:

Entered STN: 19970128 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19961206

To compare the outcomes of different methods in prescribing the optimal dose of radioactive iodine (1311) for the treatment of hyperthyroidism, AΒ

we

retrospectively analyzed 52 patients with toxic diffuse goiter. They received single dose of 1311 for the treatment of hyperthyroidism. In addition, all of them met the following criteria: 1) symptoms and signs

of

hyperthyroidism; 2) elevated blood triiodothyronine (T3) and thyroxin

(T4)

by radioimmunoassay (RIA) method; 3) diffuse goiter with increase of uptake proved by thyroid scintiscan; 4) only one dose of 131I was given during the follow-up period; 5) well-documented thyroid function test in the medical chart during the follow-up period (6 months, 1 year, 2 years and 5 years after 1311 therapy). The enrolled patients were divided into estimated and calculated group. The dose of 131I in the calculated group was obtained from the measurement of size and 131I uptake of thyroid gland. The dose of 1311 in the estimated group was prescribed according

the size of thyroid gland by physical examination, and the association with cardiac arrhythmia, congestive heart failure, or ischemic heart disease. The mean doses of 1311 were 4.8  $\pm$  +/- 1.4 mCi and 7.0 +/- 1.1 mCi in the calculated and estimated group respectively. In this study, there were no significant difference in the incidence of euthyroidism, hyperthyroidism, and hypothyroidism between these two groups in thefollow-up period after 1311 therapy. In view of simplicity and time-saving, it is a practical choice to prescribe the dose of 1311 therapy for toxic diffuse goiter according to the size

of

thyroid gland and the associated cardiac condition.

WEDLINE L19 ANSWER 8 OF 95

ACCESSION NUMBER: 96434353 MEDLINE

PubMed ID: 8837320

DOCUMENT NUMBER: TITLE:

The development of ischemic heart disease in relation to autoimmune thyroid disease in a 20-year follow-up study of

an English community.

Vanderpump M F; Tunbridge W M; French J M; Appleton D; AUTHOP:

Bates D; Clark F; Grimley Evans J; Podgers H; Tunbridge F;

Department of Medicine, Newcastle General Hospital, CORPORATE SOURCE:

Newcastle upon Tyne, United Kingdom.

THYPOID, (1996 Jun) 6 (3) 155-60. SOUP.CE:

Journal code: 9104317. ISSN: 1050-7256.

United States

Journal; Article; (JOUPNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English

LANGUAGE: Priority Journals FILE SEGMENT:

199612 ENTRY MONTH:

Entered STN: 19970128 ENTRY DATE:

Last Updated on STN: 19970128 Entered Medline: 19961212

The original Whickham Survey documented risk factors for cardiovascular disease and the prevalence of thyroid disorders in a sample of 2779 adults

that closely matched the British population. A 20-year follow-up study

determined outcomes in terms of morbidity and mortality from

ischemic heart disease in over 97% of the original

survey population. Analysis of deaths from all causes and from

ischemic heart disease showed no association with

antithyroid antibody status identified at first survey. A multiple

logistic regression using the development of ischemic

heart disease in the total population at follow-up as the

dependent variable found that the significant predictor variables for men were age, cholesterol, mean arterial blood pressure, smoking history, and

skinfold thickness index. For women only age, cholesterol, and mean arterial blood pressure were significant. The presence of autoimmune

thyroid disease, as defined by either hypothyroidism, positive antithyroid antibodies, or raised serum thyrotropin at first survey, was not significant. A retrospective conort study of a subsample of women

identified at first survey with positive antithyroid antibodies or raised serum thyrotropin and closely matched controls found no significant association with mortality or development of ischemic

heart disease. There is no evidence from this study to suggest that evidence of autoimmune thyroid disease identified 20 years ago is associated with an increased risk of ischemic heart

MEDLINE L19 ANSWER 9 OF 95

disease.

ACCESSION NUMBER: 96388717 MEDLINE

PubMed ID: 8796117 96388717

Acute I-triiodothyronine administration potentiates DOCUMENT NUMBER: TITLE:

inotropic responses to beta-adrenergic stimulation in the

isolated perfused rat heart.

Tielens E T; Forder J R; Chatham J C; Marrelli S P; AUTHOR:

Department of Medicine, Johns Hopkins University School of CORPORATE SOURCE:

Medicine, Baltimore, MD, USA.

CAEDIOVASCULAR RESEARCH. (1996 Aug) 32 (2) SOURCE:

Journal code: 0077427. ISSN: 0008-6363.

Netherlands PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199701 ENTRY MONTH:

Entered STN: 19970219 ENTRY DATE:

Last Updated on STN: 19970219 Entered Medline: 19970128

OBJECTIVE: Acute inotropic effects of triiodothyronine (T3) have been reported, employing both in vivo experimental animal models and in vitro AΒ isolated heart perfusions. However, the mechanisms responsible for these acute inotropic effects remain unclear. The aim of this study, therefore, was to delineate the role of the beta-adrenergic receptor system in these acute responses. METHODS: The hearts from both euthyroid and hypothyroid (treated with 0.05% FTU in drinking water) male Sprague-Dawley rats were used in 5 experimental study protocols. Hearts from euthyroid rats were perfused with buffer containing either T3(10(-7)M) or control while continuously recording left ventricular function for 10 min ('acute effects'). Two-hour perfusions ('subacute effects') and cardiac responses following increasing doses of isoproterenol  $(10\,(-10)$  to  $10\,(-6)$  M) in the presence or absence of T3-containing buffer (acute interaction) were also determined. In hypothyroid rats, the subacute responses and the acute interactions were investigated. RESULTS: In the presence of T3, an acute, significant potentiation of the instropic responses following beta-adrenergic stimulation with isoproterenol was observed in both rat cohorts, which was more pronounced in hearts from euthyroid rats. An acute (< 40 s), but transient (79 +/- 8  $^{\circ}$ s), direct inctropic response was observed in hearts from euthyroid rats. No cardiac responses were seen during a 2-h perfusion in hearts

from either euthyroid or hypothyroid rats. CONCLUSIONS: The acute inotropic effects of T3 in non-ischemic myocardium probably result from an acute interaction between T3 and catecholamines rather than through a direct inotropic effect of T3 alone.

MEDLINE L19 ANSWER 10 OF 95

MEDLINE ACCESSION NUMBER: 94309221

PubMed ID: 8035546 94309221

DOCUMENT NUMBER:

[State of myocardial perfusion in patients with primary TITLE:

hypothyroidism as evidenced by myocardial T1-201

scintigraphy].

Sostolanie perfuzii miokarda u bol'nykh pervichnym gipotireozom po dannym stsintigrafii miokarda s 201 Tl. Samoilenko L E; Sergienko V B; Eclotina M G; Slavina L S;

: ACHTUA Sidorenko B A; Korolev S V

KARDIOLOGIIA, (1993) 33 (1) 48-51. SOURCE: Journal code: 0376351. ISSN: 0022-9040.

RUSSIA: Russian Federation PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

Russian LANGUAGE:

Priority Journals FILE SEGMENT:

199408 ENTRY MONTH:

Entered STN: 19940825 ENTRY DATE:

Last Updated on STN: 19940825 Entered Medline: 19940815

To study the myocardial perfusion in primary  $\mathbf{hypothyroidism}$ AB accompanied by cardiac pain feelings, a total of 21 patients aged 30-60 years were examined by using resting 201Tl myocardial scintigraphy and in combination with bicycle ergometric testing. At rest all the patients showed impaired myocardial perfusion. A decrease in

accumulation, which corresponded to the areas of impaired perfusion, was observed in 54% of segments. A severe impairment of myocardial 201Tl washout was recorded in all the patients. During exercise 201Tl

scintigraphy, steady-state myocardial perfusion impairments with normal washout were recorded in most patients. Areas of transient myocardial ischemia were revealed in 3 patients during scintigraphy in combination with bicycle ergometric testing. The findings suggest that patients with primary hypothyroidism have myocardial perfusion impairments which are likely to be reflected by dystrophic processes. Along with these abnormalities, exercise myocardial scintigraphy makes it possible to detect transient perfusion alterations in some patients,

which indicates that they have myocardial ischemia.

=> s heart adj wound?

O HEART ADJ WOUND? TJ2.0

=> s heart (p) wound?

5407 HEART (P) WOUND? L21

= · s 121 and propylthiouracil

48 L21 AND PROPYLTHIOURACIL L22

=> dup rem 122

```
=> b medline caplus lifesdi embase uspatfull bicsis
```

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 10:35:26 ON 09 OCT 2002

FILE 'CAPLUS' ENTERED AT 10:35:26 CN 09 CCT 2002 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTCMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COFYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'LIFESCI' ENTERED AT 10:35:26 ON 09 OCT 2002 COPYRIGHT (C) 2002 Cambridge Scientific Abstracts (CSA)

FILE 'EMBASE' ENTERED AT 10:35:26 ON 09 OCT 2002 COPYRIGHT (C) 2002 Elsevier Science B.V. All rights reserved.

FILE 'USPATFULL' ENTERED AT 10:35:26 ON 09 OCT 2002 CA INDEXING COFYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 10:35:26 CN 09 OCT 2002 COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)

## => e heber-katz ?/au

HEBER WALTER/AU HEBER WALTER W/AU 1 0 --> HEBER-KATZ ?/AU E3 HEBERAL A/AU E4 HEBERAPD X/AU 4 E5 HEBERARD MAVIER/AU 1 Eε HEBEFBPAND J/AU 1 E7 HEBERDEN C/AU 18 E8 HEBEFDEN CHRISTINE/AU 15 EΘ HEBERDEN E/AU E13 HEBERDEN F/AU 8 E11 HEBERDEN SOC/AU 8 E12

## => e heber katz ?/au

=> s e4-6

L1 327 ("HEBER KATZ E"/AU OR "HEBER KATZ E \*"/AU OR "HEBER KATZ ELLEN"/

=> s 11 and (cardiac or heart)

7 LI AND (CAPPIAC OR HEART)

=> dup rem 12

PROCESSING COMPLETED FOR L2

3 DUP FEM L2 (4 DUPLICATES REMOVED)

 $\Rightarrow$  d 13 ibib abs tot

MEDLINE L3 ANSWER 1 OF 3

IN-PROCESS ACCESSION NUMBER: 2002488914 22237132 PubMed ID: 12324214 LOCUMENT NUMBER:

The scarless heart. TITLE:

Leferovich John; Heber-Katz Ellen

CCFPORATE SOURCE: The Wistar Institute, 3601 Spruce Street, 19104,

Philadelphia, PA, USA.

SEMINARS IN CELL AND DEVELOPMENTAL BIOLOGY, (2002 Oct) 13 SOURCE:

(5) 327.

Journal code: 9607332. ISSN: 1084-9521.

PUB. COUNTRY: England: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English LANGUAGE:

IN-PROCESS: NONINDEMED: Priority Journals Entered STN: 20020927 FILE SEGMENT:

ENTRY DATE:

Last Updated on STN: 20020927

Over the past several years many mechanisms by which myocardial replacement could be achieved have been described. These include resident cardiac stem cells or circulating stem cells that can either differentiate into, or fuse to cardiomyocytes, or mature cells that can transdifferentiate into cardiomyocytes. However, the fact remains that after injury to the heart, the overriding response is scar formation with little myocardial replacement. One exception to this response is the MRL mouse, which heals with little scarring and shows nearly full myocardial replacement after injury. Results obtained with this model will be discussed.

DUPLICATE 1 MEDLINE ANSWER 2 OF 3

ACCESSION NUMBER: 2001459208 MEDLINE
DOCUMENT NUMBER: 21396573 PubMed ID: 11493713 DOCUMENT NUMBER:

Heart regeneration in adult MRL mice. TITLE:

Leferovich J M; Bedelbaeva K; Samulewicz S; Zhang X M; AUTHOR:

Zwas

L: Lankford E B; Heber-Katz E

CORPORATE SOURCE: The Wistar Institute, Philadelphia, PA 19104, USA.

CONTRACT NUMBER: AI42395 (NIAID)

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE SOURCE:

UNITED STATES OF AMERICA, (2001 Aug 14) 98 (17) 9830-5.

Journal code: 7505876. ISSN: 0027-8424.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Friority Journals FILE SEGMENT:

200109 ENTRY MONTH:

Entered STN: 20010816 ENTRY DATE:

Last Updated on STN: 20010924 Entered Medline: 20010920

The reaction of cardiac tissue to acute injury involves interacting cascades of cellular and molecular responses that encompass inflammation, hormonal signaling, extracellular matrix remodeling, and compensatory adaptation of myocytes. Myocardial regeneration is observed in amphibians, whereas scar formation characterizes cardiac

ventricular wound healing in a variety of mammalian injury models. We

previously shown that the MRL mouse strain has an extraordinary capacity have to heal surgical wounds, a complex trait that maps to at least seven genetic loci. Here, we extend these studies to cardiac wounds and demonstrate that a severe transmural, cryogenically induced infarction

of the right ventricle heals extensively within 60 days, with the restoration of normal myocardium and function. Scarring is markedly reduced in MRL mice compared with C57BL/6 mice, consistent with both the reduced hydroxyproline levels seen after injury and an elevated cardiomyocyte mitatic index of 10-30% for the MRL compared with 1-3% for the C57BL/6. The myocardial response to injury observed in these mice resembles the regenerative process seen in amphibians.

ANSWER 3 OF 3 BIOSIS COFYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 2002:264509 BIOSIS PREV200200264509 DOCUMENT NUMBER:

Transthoracic echocardiography can detect right TITLE:

ventricular

injury in mice.

Zwas, Donna R. (1); Leferovich, John; Heber-Katz, AUTHOR (S):

Ellen; Lankford, Edward B.

CORPORATE SCURCE: (1) Thomas Jefferson Univ, Philadelphia, PA USA Circulation, (October 23, 2001) Vol. 104, No. 17 SOURCE:

Supplement, pp. II.564. http://circ.ahajournals.org/.

Meeting Info.: Scientific Sessions 2001 of the American Heart Association Anaheim, California, USA November 11-14,

2001

ISSN: 0009-7322.

Conference DOCUMENT TYPE: English LANGUAGE:

=> d history

(FILE 'HOME' ENTERED AT 10:35:09 ON 09 OCT 2002)

FILE 'MEDLINE, CAPLUS, LIFESCI, EMBASE, USPATFULL, BIOSIS' ENTERED AT 10:35:26 ON 09 OCT 2002

E HEBER-KATZ ?/AU E HEBER KATZ ?/AU

327 S E4-6 L1

7 S L1 AND (CAPDIAC OR HEART) L2

3 DUP REM L2 (4 DUPLICATES REMOVED) L3

=> dup rem 11

PROCESSING COMPLETED FOR L1

127 DUF REM L1 (200 DUPLICATES REMOVED) T.4

=> s 14 not 12

124 L4 NOT L2 L5

=> d 15 ibib abs 1-20

MELLINE ANSWER 1 OF 124

ACCESSION NUMBER: 2002435132 IN-PROCESS
DOCUMENT NUMBER: 22180355 PubMed ID: 12191003

Expression of preadipocyte factor-1(Pref-1), a delta-like TITLE:

protein, in healing mouse ears.

Samulewicz Stefan Jude; Seitz Alexander; Clark Lise; AUTHOR:

Heber-Katz Ellen Wistar Institute, Philadelphia, Pennsylvania. CORPORATE SOURCE:

WOUND REPAIR AND REGENERATION, (2002 Jul-Aug) 10 (4)

215-21.

Journal ccde: 9310939. 1SSN: 1057-1927.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

Eralish IN-PROCESS; NONINDEMED; Priority Journals LANGUAGE: FILE SEGMENT:

Entered STN: 20020823 ENTRY DATE:

Last Updated on STN: 20020823

Preadipocyte factor-1 (Fref-1), a delta-like protein containing epidermal growth factor-repeats, is expressed in proliferating cells in a variety

tissues and is believed to be involved in maintaining the of

undifferentiated

state of these cells. Using microarray analysis, reverse transcriptase-polymerase chain reaction, in-situ hybridization, and immunohistochemistry, we have identified Pref-1 expression in the healing ears of two strains of mice, MPL and C57BL/6. MRL is unusual in that ear punches completely regenerate the ear tissue along with new cartilage

with

SOURCE:

no scarring. Pref-1 is more highly expressed in the MRL wounds, is uniquely found in a condensation of cells within the regenerating tissue of the blastema, and may contribute to the regenerative capacity of the MRL ear wound. (WOUND REP FEG 2002;10:215-221)

MEDLINE ANSWEE 2 OF 124

ACCESSION NUMBER: 2002152463 MEDLINE

21881902 PubMed ID: 11884574 DOCUMENT NUMBER:

TITLE:

Mapping of genes involved in murine herpes simplex virus keratitis: identification of genes and their modifiers. Norose Kazumi; Yano Akihiko; Zhang Xiang-Ming; Blankenhorn

AUTHOR: Elizabeth: Heber-Katz Ellen

CORPORATE SOURCE: Department of Infection and Host Defense, Graduate School

of Medicine, Chiba University, Inohana, Chuo-ku, Chiba,

Japan.

CONTRACT NUMBER: AI42395 (NIAID)

JOURNAL OF VIFCLOGY, (2002 Apr) 76 (7) 3502-10. SOURCE:

Journal code: 0113724. ISSN: 0022-538X.

United States

PUB. COUNTRY: Journal; Article; (JOURNAL APTICLE) PUB. COUNTRY:
DOCUMENT TYPE:

English LANGUAGE:

Priority Journals

FILE SEGMENT: ENTRY MONTH: 200204

Entered STN: 20020311 ENTRY DATE:

Last Updated on STN: 20020420

Entered Medline: 20020419

Herpes simplex keratitis (HSK) is an inflammatory response to viral infection and self antigens in the cornea and is a major cause of blindness. Using two strains of mice which are susceptible (129/SVEV) and resistant (C57BL/6) to herpes simplex virus (HSV) strain KOS, (129/SVEV  $\times$  ${\tt C57BL/6)F(2)}$  mice were generated and examined for their disease susceptibility in terms of clinical symptoms, ocular disease, and

antibody

production following corneal scarification with HSV (KOS). A genome-wide screen was carried out using microsatellite markers to determine the genetic loci involved in this response. Loci on chromosomes 4, 5, 12, 13, and 14 were shown to be involved in general susceptibility to clinical disease, whereas loci on chromosomes 10 and 17 were shown to be unique to ocular disease.

MELTINE ANSWER 3 OF 124

ACCESSION NUMBER: 2002085509 MEDINE
DOCUMENT NUMBER: 21671526 PubMed ID: 11813238

Recovery from spinal cord injury: a new transection model DOCUMENT NUMBER: TITLE:

in the C57Bl/6 mouse.

Seitz Alexander; Aglow Elsa; Heber-Katz Ellen

The Wistar Institute, Philadelphia, Pennsylvania 19104, AUTHOR: CORPORATE SOURCE:

JOURNAL OF NEUROSCIENCE RESEARCH, (2002 Feb 1) 67 (3) SOUPCE:

337-45.

Journal code: 7600111. ISSN: 0360-4012.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

200202 ENTRY MONTH:

Entered STN: 20020129 ENTRY DATE:

Last Updated on STN: 20020226 Entered Medline: 20020225

Spinal cord transections in mammalian animal models lead to loss of motor function. In this study, we show that functional recovery from complete AΒ transection of the adult mouse spinal cord can in fact occur without any intervention if dural injury along with displacement of the ends of the cut cord and fibroblastic infiltration is minimized. Underlying this function is the expression of GAP-43 in axonal growth cones, axonal extension and bridging of the injury site indicated by biocytin

tracing and neuronal remodeling of both the white matter and the gray ret rograde matter. Such studies suggest a new murine model for the study of spinal cord regeneration.

Copyright 2002 Wiley-Liss, Inc.

MEDLINE ANSWER 4 OF 124

ACCESSION NUMBER: 2001483033 MEDLINE

21417489 PubMed ID: 11525801

Expression of Golli mRNA during development in primary DOCUMENT NUMBER: TITLE:

immune lymphoid organs of the rat.

Skorupa A F; Brezinski S C; Lesh G; Heber-Katz E; AUTHOF:

McMorris F A

CORPOPATE SOURCE: The Wistar Institute, Philadelphia, PA 19104, USA.

NS11037 (NINDS) CONTRACT NUMBER:

NS32122 (NINDS)

JOURNAL OF NEUFOIMMUNOLOGY, (2001 Sep 3) 119 (1) 64-72. NS33902 (NINDS) SOURCE:

Journal code: 8109498. ISSN: 0165-5728.

PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

English LANGUAGE:

Priority Journals FILE SEGMENT:

200110 ENTRY MONTH:

Entered STN: 20010830 ENTRY DATE:

Last Updated on STN: 20011008 Entered Medline: 20011004

The gene-of-the-oligodendrocyte lineage (Golli)-MBP transcription unit contains three Golli-specific exons together with eight exons of the AΒ "classical" myelin basic protein (MBP) gene, yielding alternatively spliced proteins which share amino acid sequence with MBP. Unlike MBP, a late antigen expressed only in the nervous system, Golli gene products

are

expressed pre- and post-natally at many sites. In this study, we determined the sequence of Golli in rat by FT-PCR and 5' RACE and showed that Golli sequences are expressed in primary lymphoid organs as early as el6.5, which could explain the anergic rat T cell response we previously observed in Golli-induced meningitis.

MEDLINE ANSWER 5 OF 124

ACCESSION NUMBER: 1999428738 MEDLINE
DOCUMENT NUMBER: 99428738 PubMed ID: 10497098
TITLE: The regenerating mouse ear.
AUTHOR: Heber-Katz E

AUTHOR:

Wistar Institute, 3601 Spruce Street, Philadelphia, PA, CORPORATE SOURCE:

19104, USA.

AI42395 (NIAID)

CONTRACT NUMBER:

SEMINARS IN CELL AND DEVELOPMENTAL BIOLOGY, (1999 Aug) 10 SOURCE:

(4) 415-9. Ref: 29

Journal code: 9607332. ISSN: 1084-9521.

ENGLAND: United Kingdom PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

General Review; (REVIEW)

(REVIEW, TUTORIAL)

English LANGUAGE:

Priority Journals FILE SEGMENT:

199911 ENTRY MONTH:

Entered STN: 20000111 ENTRY DATE:

Last Updated on STN: 20000111 Entered Medline: 19991122

MEDLINE ANSWER 6 OF 124

MEDLINE ACCESSION NUMBER: 1999240534

99240534 PubMed ID: 10222027 DOCUMENT NUMBER:

Tolerance induction by acylated peptides: effect on TITLE:

encephalitogenic T cell lines.

St Louis J; Zhang X M; Heber-Katz E; Uniyal S; AUTHOR:

Pobbinson D; Singh B; Strejan G H

The John F. Robarts Research Institute, University of COPPORATE SOURCE:

Western Ontario, Health Sciences Center, London, Ontario,

NGA 501, Canada.

CONTRACT NUMBER: MS11037 (MINES)

JOURNAL OF AUTOIMMUNITY, (1999 May) 12 (3) 177-89. SOUPCE:

Journal code: 8812164. ISSN: 0896-8411.

FUB. COUNTRY: ENGLAND: United Kingdom
FOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals ENTRY MONTH: 193907

ENTRY MONTH:

Entered STN: 19990727 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19990713

We reported previously that acylation of an encephalitogenic peptide of myelin basic protein (MBP68-86) by attachment of palmitoyl chloride (PAL68-86) converted this peptide into a powerful tolerogen for EAE in

Lewis rat. In this study we show that T cell lines derived from a the PAL63-86-protected rat proliferated poorly to MBP68-86 in vitro, even after repeated passages in this peptide and IL-2. Conversely, T cell

lines

derived from untreated rats that were challenged with MBP68-86 or PAL68-86

in CFA responded vigorously to MBP68-86 when propagated for many passages in this peptide but became gradually unresponsive after being propagated in the presence of PAL68-86. The modulation of the T cell lines by PAL68-86 in vitro was reflected by a significant reduction in their ability to transfer EAE to recipients. A high percentage of cells stained with an anti-Vbeta8.2 antibody, regardless of whether they were

propagated

in the presence of unmodified or acylated pertide. The results are consistent with the notion that tolerance induced by PAL68-86 operates by functional inactivation and provide the basis for the use of acylated peptides in the antigen-specific treatment of autoimmune diseases.

MEDLINE ANSWER 7 OF 124

ACCESSION NUMBER: 1999218460 MEDLINE

99218460 PubMed ID: 10201962 DOCUMENT NUMBER:

Golli-induced paralysis: a study in anergy and disease. Clark L; Otvos L Jr; Stein P L; Zhang X M; Skorupa A F; TITLE: AUTHOR:

Lesh G E; McMorris F A; Heber-Katz E

The Wistar Institute, Philadelphia, PA 19104, USA. CORPORATE SOURCE:

CA72806 (NCI) CONTRACT NUMBER:

GM45011 (NIGMS) NS33902 (NINDS)

JOURNAL OF IMMUNDLOGY, (1999 Apr 1) 162 (7) 4300-10. SCURCE:

Journal code: 2985117R. ISSN: 0022-1767.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL AFTICLE) DOCUMENT TYPE:

Englist. LANGUAGE:

Abridged Index Medicus Journals; Priority Journals FILE SEGMENT:

199905 ENTRY MONTH:

Entered STN: 19990525 ENTRY DATE:

Last Updated on STN: 19990525 Entered Medline: 19990513

The Golli-MBP transcription unit contains three Golli-specific exons as well as the seven exons of the classical myelin basic protein (MBP) gene AB and encodes alternatively spliced proteins that share amino acid sequence with MBP. Unlike MBP, which is a late Ag expressed only in the nervous system, Golli exon-containing gene products are expressed both pre- and postnatally at many sites, including lymphoid tissue, as well as in the central nervous system. To investigate whether Golli-MBP peptides unique to Golli would result in neurological disease, we immunized rats and observed a novel neurological disease characterized by mild paralysis and the presence of groups of lymphocytes in the subarachnoid space but not

in

the parenchyma of the brain. Disease was induced by Th1-type T cells that displayed an unusual activation phenotype. Primary stimulation in vitro induced T cell proliferation with increased surface CD45RC that did not become down-regulated as it did in other Ag-stimulated cultures.

stimulation of this CD45RChigh population with Ag, however, did not Secondary

proliferation or IL-2 production, although an IFN-gamma-producing population resulted. Froliferation could be induced by secondary stimulation with IL-2 or PMA-10nomycin, suggesting an anergic T cell population. Cells could adoptively transfer disease after secondary stimulation with IL-2, but not with Ag alone. These responses are suggestive of a chronically stimulated, anergic population that can be transiently activated to cause disease, fall back into an anergic state, and reactivated to cause disease again. Such a scenario may be important in chronic human disease.

MEDLINE ANSWER 8 OF 124

ACCESSION NUMBER: 1999072597 MEDLINE

PubMed ID: 9856777 99072597 DOCUMENT NUMBER:

SPARC deficiency leads to early-onset cataractogenesis. Norose K; Clark J I; Syed N A; Basu A; Heber-Katz E TITLE: AUTHOR:

; Sage E H; Howe C C

The Wistar Institute, Philadelphia, Pennsylvania 19104, COPPORATE SOURCE:

USA.

EY04542 (NEI) CONTRACT NUMBER:

INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE, (1998 Dec) GM40711 (NIGMS) SOURCE:

39 (13) 2674-80.

Journal code: 7703701. ISSN: 0146-0404.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199812 ENTRY MONTH:

Entered STN: 19990115 ENTRY DATE:

Last Updated on STN: 13990115

Entered Medline: 19981221 PURPOSE: To determine the role of SPARC (secreted protein, acidic, and rich in cysteine) in cataractogenesis by examining mice deficient in a AΒ

matricellular protein SPARC. METHODS: Mice were rendered SPARC-deficient by a targeted disruption of the gene. Slit-lamp microscopy and histology were used to examine the eyes of SPARC-null and wild-type mice from birth to 14 months of age. RESULTS: SPARC-null mice developed opacities in the posterior cortex of the eye as early as 1.5 months after birth. The diffuse cataracts appeared to progress toward the anterior cortex and reached maturity in many animals by 3.5 months of age. Early stages of cataractogenesis in SPARC-null mice included inhibition of normal lens fiber cell differentiation, degeneration of fiber cells, vacuole

at the equator, and liquefaction of the cortex. No cataracts were formation detected

in wild-type mide up to the age of 8 months. CONCLUSIONS: The early onset of cataracts in SPARC-null mice establishes that the gene is essential to the maintenance of lens transparency.

ANSWER 9 OF 124 MEDLINE

ACCESSION NUMBER: 1998406232 MEDLINE

98426232 PubMed ID: 9751744 DOCUMENT NUMBER:

Genetic analysis of a mammalian wound-healing trait. McBrearty B A; Clark L D; Zhang X M; Blankenhorn E P; TITLE: AUTHOR:

Heber-Katz E

Wistar Institute, 3400 Spruce Street, Philadelphia, PA CORPORATE SOURCE:

19104, USA.

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE SOURCE:

UNITED STATES OF AMERICA, (1998 Sep 29) 95 (20) 11792-7.

Journal code: 7505876. ISSN: 0027-8424.

PUB. COUNTRY:

United States
Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199810 ENTRY MONTH:

Entered STN: 19981029 ENTRY DATE:

Last Updated on STN: 19931029 Entered Medline: 19981022

Wound healing of mammalian tissue is an essential process in the maintenance of body integrity. The general mechanism of wound healing AB usually studied in adult mammals is repair, in contrast to the regeneration seen in more primitive vertebrates. We recently have discovered that MRL/MpJ mice, unlike all other strains of mice tested, undergo rapid and complete wound closure that resembles regeneration. Specifically, through-and-through surgical ear hole wounds close without scarring in <4 weeks with normal gross and microanatomic architecture, including chondrogenesis. We also demonstrated that this healing is a heritable trait in inbred mice. In this study, we present results pertaining to its genetic control in progeny segregating for this phenotype. To identify the genetic loci that control the wound closure process, a genome-wide scan was performed on (MRL/MpJ-Faslpr x C57BL/6)F2 and backcross populations. In the primary screens of these populations, quantitative trait loci that control the extent of wound closure were detected on chromosomes 3, 12, and 15 and at two separate locations on chromosome 13. Evidence of further genetic control of healing was found

chromosome 7. All alleles that contribute to full wound closure are derived from the MPL/MpJ-Faslpr parent except for the quantitative trait locus on chromosome 8, which is derived from C57BL/6.

MEDLINE ANSWER 10 OF 124

on

ACCESSION NUMBER: 1998350093 MEDLINE

98350093 PubMed II: 9683548 DOCUMENT NUMBER:

A new murine model for mammalian wound repair and TITLE:

regeneration.

Clark L D; Clark R K; Heber-Katz E AUTHOP:

CORPORATE SOURCE: The Wistar Institute, 3501 Spruce Street, Philadelphia,

Pennsylvania, 19104, USA.

CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, (1998 Jul) 88 (1) SOURCE:

Journal code: 0356637. ISSN: 0090-1229.

United States

Journal; Article; (JCUPNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199808 ENTRY MONTH:

Entered STN: 19980828 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19980817

Regeneration is generally considered to be a phenomenon restricted to amphibians in which amputated limbs reform and regrow. We have recently AB noted a strain of mouse, the MRL, which displays a remarkable capacity

for

cartilagenous wound closure and provides an example of a phenomenon previously considered to be a form of regeneration. Specifically, through-and-through ear punches rapidly attain full closure with normal tissue architecture reminiscent of regeneration seen in amphibians as opposed to scarring, as usually seen in mammals. Histologically, we have demonstrated normal cell growth and microanatomy, including angiogenesis and chondrogenesis, as opposed to control C57BL/6 mice which have ear holes that contract minimally but do not close. Finally, this phenomenon is a genetically definable quantitative trait. Copyright 1998 Academic Press.

MEDLINE ANSWER 11 OF 124

ACCESSION NUMBER: 1998140197 MEDLINE

98140197 PubMed ID: 9479570

The interplay of T cell responses to viral and autoimmune DOCUMENT NUMBER: TITLE:

epitopes.

Heber-Katz E

CORPORATE SOURCE: Wistar Institute, Philadelphia, PA 19104, USA..

herberkatz@wista.wistar.upenn.edu

IMMUNOLOGIC RESEARCH, (1998) 17 (1-2) 83-7. Ref: 21 SOURCE:

Journal code: 8611037. ISSN: 0257-277X.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

General Review; (REVIEW)

(REVIEW, TUTORIAL)

English LANGUAGE:

Priority Journals FILE SEGMENT:

199803 ENTRY MONTH:

Entered STN: 19980407 ENTRY DATE:

Last Updated on STN: 19980407

Entered Medline: 19980324 The examination of the immune T cell response to herpes simplex virus (HSV) antigen glycoprotein D (gD) in an ongoing infection has revealed a uniquely broad range of antigenic determinants seen. This has been shown in the murine T cell response to gD determinants where over 60% of the overlapping peptides are recognized as opposed to 1 of 30 peptides seen when gD was injected in Freund's adjuvant. This has also been seen in the response to local autoantigens when the HSV infection is produced by corneal scarification. Furthermore, analysis of the response to the autoantigen, Golli myelin basic protein (MBP), present in the developing thymus is explored.

MEDLINE ANSWER 12 OF 124

ACCESSION NUMBER: 1998112689 MEDILINE

98112689 PubMed ID: 9452310

Effects of oral telerance induction by myelin basic DOCUMENT NUMBER: TITLE:

protein

on Vbeta8+ Lewis rat T cells.

Goldman-Brezinski S; Brezinski K; Zhang X M; Gienapp I; AUTHOR:

Cox

K; Heber-Katz E; Whitacre C

COFPORATE SOURCE: The Wistar Institute, Philadelphia, Pennsylvania 19104,

USA.

AI35960 (NIAID) CONTRACT NUMBER:

NS11037 (NINDS) NS23561 (NINDS)

JOURNAL OF NEUROSCIENCE RESEARCH, (1998 Jan 1) 51 (1) SOURCE:

67-75.

Journal code: 7600111. ISSN: 0360-4012.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199803 ENTRY MONTH:

Entered STN: 19980319 ENTRY DATE:

Last Updated on STN: 19980319 Entered Medline: 19980310

Encephalitogenic T cells from Lewis rats use a restricted T cell receptor (TCR) gene combination, Vbeta8.2 and Valpha2. The oral administration of AΒ myelin basic protein (MBP) to Lewis rats prior to encephalitogenic challenge results in a marked inhibition of clinical neurologic signs of encephalitis, reduced central nervous system pathology, suppressed T cell reactivity to MBP, and decreased serum anti-MBP antibody responses. The present study determined the TCP Vheta8 gene usage in rats rendered orally

tolerant to MBP as compared with vehicle-fed or unfed controls. Total RNA was extracted from lymph node cells (LNC), Northern blots run, and hybridizations performed using a rat beta chain V region probe positive for Vbeta8.2. The results indicate that feeding MBP results in a decrease in Vbeta8+ TCR RNA expression in lymph nodes draining the site of encephalitogenic challenge. T cell proliferation was reduced in LNC of tolerized rats relative to control rats. No change in the Vbeta8+ TCR RNA expression or MBP reactivity was observed in the mesenteric lymph nodes (MLN) of vehicle-fed or MBP-fed rats, although an increase in cell number was found in the MLN of both groups. These results suggest that the mechanisms of orally induced tolerance involve local clonal deletion or migration of Vbeta8+ T cells, of which MBP-specific T cells are a part.

MEDLINE ANSWER 13 OF 124

ACCESSION NUMBER: 97047168 MEDLINE

PubMed ID: 8892088

Corneal infection with herpes simplex virus type 1 leads DOCUMENT NUMBER: TITLE:

t.o

autoimmune responses in rats.

Clark L; Fareed M; Miller S D; Merryman C; Heber-Katz AUTHOR:

Wistar Institute, Philadelphia, PA 19104, USA. CORPORATE SOURCE:

AI 22528 (NIAID) CONTRACT NUMBER:

NS 33902 (NINDS)

JOURNAL OF NEUROSCIENCE RESEARCH, (1996 Sep 15) 45 (6) SOURCE:

770-5.

Journal code: 7600111. ISSN: 0360-4012.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199703 ENTRY MONTH:

Entered STN: 19970327 ENTRY DATE:

Last Updated on STN: 19970327 Entered Medline: 19970314

Lewis rats were infected by corneal scarification with HSV type 1 type strain F virus. The animals showed symptoms of infection and inflammatory AΒ infiltrates of the eye but little mortality. After one month, immune responses to viral and autoantigens were examined. It was shown that

node cells proliferated to the myelin antigen, proteolipoprotein, and the lymph. HSV antigen, glycoprotein D, but showed depressed responses to antigens

the eye, specifically corneal and retinal antigens. Splenic cells showed small but significant responses to antigens of the eye, indicating immune deviation similar to that previously demonstrated in ACAID, where antigen had been injected into the anterior chamber of the eye.

MEDLINE ANSWER 14 OF 124

ACCESSION NUMBER: 97047163 MEDLINE

97047163 PubMed ID: 8892083

Possible methanism for the TCR beta-chain associated EAE DOCUMENT NUMBER: TITLE:

resistance of LEP rats.

Bourque M M; Martin A M; Desquennes-Clark L; AUTHOR:

Heber-Katz E; Blankenhorn E F

CORPORATE SOURCE: Department of Microbiology and Immunology, Medical College

of Pennsylvania, Philadelphia, USA.

RC1-MS11037 (NINDS) CONTRACT NUMBER:

RO1-NS25519 (NINDS)

JOURNAL OF NEUROSCIENCE RESEARCH, (1996 Sep 15) 45 (6) SOURCE:

Journal code: 7600111. ISSN: 0360-4012.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199703 ENTRY MONTH:

Entered STN: 19970327 ENTRY DATE:

Last Updated on STN: 20000303 Entered Medline: 19370314

LER rats are resistant to the active induction of experimental allergic encephalomyelitis (EAE). The mechanism of their resistance to EAE has yet AB to be defined, although LER rats are susceptible to adoptively transferred

EAE. Genetic analysis of LEP and the susceptible LEW rat suggests that a gene linked to the T cell receptor (TCR) beta-chain complex contributes

to

EAE resistance. This result is consistent with the fact that EAE is a T cell mediated disease and one characterized in EAE-susceptible animals by an oligoclonal TCR V beta 8.2+ response. In this report, analysis of TCR transcripts by reverse transcriptase polymerase chain reaction (RT-PCR) and restriction digestion demonstrates that LER lymph nodes, collected on day 10 post-immunization with myelin basic protein (MBP), express both TCP-V beta 8.2 and other TCR reta chains, usually V beta 8.4, whereas LEW animals demonstrate preferential and almost exclusive use of V beta 8.2 TCR. Fluorescence-activated cell sorting (FACS) analyses of anti-MBP T cells confirm that LER T cells express  $\dot{\text{V}}$  beta 8.2 TCR to a lesser degree than LEW T cells. Finally, experiments examining the oligo- or polyclonality of the TCRV beta CDP3 region show that the LER response to MBP is polyclonal, while the LEW response to MBP is oligoclonal. Therefore, the cumulative data on the TCR usage profiles in this report suggest that the choice of TCF variable beta-chain may contribute to the resistance seen in the LER rat.

MEDLINE ANSWER 15 OF 124

ACCESSION NUMBER: 95373806 MEDLINE

95373806 PubMed ID: 7544078 DOCUMENT NUMBER:

The relationship between human multiple sclerosis and TITLE:

rodent experimental allergic encephalomyelitis.

CORFORATE SOURCE: Wistar Institute, Philadelphia, Pennsylvania 19104, USA. ANNALS OF THE NEW YORK ACALEMY OF SCIENCES, (1995 Jul 7) SOURCE:

756 283-93. Fef: 56

Journal code: 7506858. ISSN: 0077-8323.

United States PUB. COUNTRY:

Journal; Article; (JOURNAL ARTICLE) DOCUMENT TYPE:

General Review; (PEVIEW)

(PEVIEW, TUTORIAL)

English LANGUAGE:

Priority Journals FILE SEGMENT:

199509 ENTRY MONTH:

Entered STN: 19950930 ENTRY LATE:

Last Updated on STN: 20000303 Entered Medline: 19950920

MEDLINE L5 ALSWER 16 OF 124

ACCESSION NUMBER: 95371589 MEDLINE

PubMed ID: 7643858 95371689

An alternative view of T-cell receptor-MHC interaction: DOCUME!IT NUMBER: T-cell receptor binds transversally to the alpha-helices TITLE:

оf

the MHC molecule.

Tang X X; Ikegaki N; Danska J S; Heber-Katz E CORPOPATE SOURCE: Wistar Institute, Fhiladelphia, PA 19104, USA.

CONTRACT NUMBER: AI-22528 (NIAID)

MOLECULAR IMMUNOLOGY, (1995 Jun) 32 (9) 661-8. Journal code: 7905189. ISSN: 0161-5890. SOURCE:

ENGLAND: United Kingdom

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199509 ENTRY MONTH:

Entered STN: 19950930 ENTRY DATE:

Last Updated on STN: 19950930

Entered Medline: 19950921 We have attempted to elucidate the relative orientation of the T-cell receptor (TCR) to the major histocompatibility complex (MHC)-antigen complex during antigen recognition, using the T-cell response to B10.A AB (I-Ek) and B10.A(5F) (I-Eb) mice to the 1-23(H) peptide derived from glycoprotein D of the herpes simplex virus. The 1-23(H)-specific T-cells derived from both Bl0.A and Bl0.A(5R) mice use the same set of V alpha genes and a different array of V beta genes. The CDR1s of these TCR beta chains share residues at particular positions. The CDR2s of the TCR beta chains have a negative charge, which correlates with I-Eb reactivity and with the positively charged polymorphic residues residing at the C-terminal end of the alpha-helix of the I-Eb beta chain of the class II molecule. Taken together, the data suggest that the TCR beta chain interacts with both the alpha and beta chains of the MHC class II molecule, as does the TCR alpha chain.

MEDLINE ANSWER 17 OF 124

MEDLINE ACCESSION NUMBER: 94364633

94364633 PubMed ID: 7521858

Neuritogenic Lewis rat T cells use Tcrb chains that DOCUMENT NUMBER: TITLE:

include

a new Tcrb-V8 family member.

Zhang Y M; Esch T R; Clark L; Gregorian S; Rostami A; AUTHOF:

otvos

L Jr; Heber-Katz E

Wistar Institute, Philadelphia, PA 19104. CORPORATE SOURCE:

AR39489 (NIAMS) CONTRACT NUMBER:

NS08075 (NINDS) NS11036 (NINDS)

IMMUNOGENETICS, (1994) 40 (4) 266-70. Journal code: 0420404. ISSN: 0093-7711. SOURCE:

United States

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English LANGUAGE:

GENBANK-U06100; GENBANK-U06101; GENBANK-U06102; FILE SEGMENT: OTHER SOURCE:

GENBANK-U06103; GENBANK-U06104

199410

ENTRY MONTH: Entered STN: 19941021 ENTRY DATE:

Last Urdated on STN: 19960129

The P2 protein obtained from Schwann cells induces a population of T Entered Medline: 19941012 cells

which, upon adoptive transfer, causes the disease experimental allergic neuritis (EAN), an animal model for Guillain-Barre syndrome. In this report, a truncated peptide, FRC2, derived from a previously reported neuritogenic T-cell determinant, was used to generate from Lewis rats T cells that were shown to cause EAN. Since our previous studies showed

Tcrb-V8 was used by a majority of T-cell hybridomas specific for the neuritogenic peptide P26, which contains the FR22 sequence, we sequenced the Tork-V8+ mRNA from FP22-specific T-cell lines, and compared the sequences obtained with those obtained from similarly generated myelin basic protein (MBP) 68-88-specific Lewis rat T-cell lines. We found that in the EAN lines, several members of the Torb-V8 family were used, including a new family member, Terb-V8E. This was more diverse than the MBP-68-88-specific response in which only a single Tcrb-V8 family member was used. Also, in the EAN lines, the beta chain sequences did not show the same conserved junctional regions seen in the MBP lines. Thus, T-cell receptor beta chain usage in the response to this dominant neuritogenic peptide appears to be less restricted than the response to the dominant encephalitogenic determinant of MBP both in V region usage and in CDR3 usage.

ANSWER 18 OF 124 MELLINE

that

ACCESSION NUMBER: 94134085 MEDLINE

PubMed II: 8302301

Nucleotide sequences of three new members of the mouse V DOCUMENT NUMBER: TITLE:

alpha 2 gene famil;

Tang X X; Ikegaki N; Heber-Katz E

COPPORATE SOURCE: Immunology Graduate Group, University of Pennsylvania,

Philadelphia 19104.

CONTRACT NUMBER: AI 22528 (NIAID) MOLECULAR IMMUNOLOGY, (1994 Jan) 31 (1) 78-82. SOUPCE:

Journal code: 7305289. ISSN: 0161-5890.

PUB. COUNTRY:

DGCUMENT TYPE:

LANGUAGE:

DOULHAL GOOG. / SCORD

ENGLAND: United Kingdom

Journal: Article; (JOURNAL ARTICLE)

English

Priority Journals

LANGUAGE: FILE SEGMENT: GENBANK-L21699; GENBANK-L21700; GENBANK-L21701 OTHER SOURCE:

199403 ENTRY MONTH:

Entered STN: 1994)318 ENTRY LATE:

Last Updated on STN: 19940318 Entered Medline: 19940304

MEDIINE ANSWER 19 OF 124

MEDLINE ACCESSION NUMBER: 93380012

FubMed ID: 7690307 93380012

Induction of peripheral tolerance with peptide-specific DOCUMENT NUMBER: TITLE:

anergy in experimental autoimmune neuritis.

Gregorian S K; Clark L; Heber-Katz E; Amento E P; AUTHOR:

Department of Neurology, School of Medicine, University of CORPORATE SOURCE:

Pennsylvania, Philadelphia 19104.

AR3489 (NIAMS) CONTRACT NUMBER:

CELLULAR IMMUNOLOGY, (1993 Sep) 150 (2) 298-310. NS08075 (NINDS) SOURCE:

Journal code: 1246405. ISSN: 0008-8749.

United States

Journal; Article; (JOURNAL ARTICLE) PUB. COUNTRY: DOCUMENT TYPE:

English LANGUAGE:

Priority Journals FILE SEGMENT:

199310 ENTRY MONTH:

Entered STN: 19931029 ENTRY DATE:

Last Updated on STN: 19960129 Entered Medline: 19931014

Neuritogenic T cells specific for SP-26, a synthetic peptide (residue 53-78) of myelin P2 protein that causes experimental autoimmune neuritis (EAN), use the same T cell receptor (TCR) V gene family (V beta 8) that can induce experimental autoimmune encephalomyelitis (EAE) in Lewis rats. AB Tolerance to autoregulatory T cells may be induced in rats by intravenous (iv) administration of antigen-coupled splenocytes; however, the mechanisms that lead to altered immune reactivity are not well

Here we demonstrate that SP-26, when coupled to syngeneic spleen cells understood. and

administered iv, either before or after disease induction, markedly inhibited development and expression of clinical signs and histological changes of EAN. The induction of tolerance by this method was peptide-specific and MHC-restricted. We showed previously that T cells involved in EAN utilize the T cell antigen receptor V beta 8, whereas

than 5% of normal rat peripheral T cells express V beta 8. We have examined T lymphocytes from tolerized rats to determine the presence or absence of V beta 8(+)-bearing cells in order to determine the mechanism of tolerance. V heta 8 cells were undetectable by Northern blot analysis in the lymph nodes of unimmunized animals but easily detected in SP-26-primed and tolerized rats. In addition, spleen cells isolated from tolerized animals were anergic and failed to proliferate in response to SP-26, but retained responsiveness to IL-2 and Con A stimulation. Thus, the peptide-specific unresponsiveness that can be induced in rats with EAN, a T-cell-mediated process that is MHC-restricted and utilizes the T cell receptor V beta 8, occurs while V beta 8 transcripts remain readily detectable in spleen and lymph node cells. The detection of V beta 8-bearing T cells requires the development of antibodies specific for this

rat surface protein.

ANSWER 20 OF 124 MEDLINE

MEDLINE ACCESSION NUMBER: 93253340

PubMed ID: 7683709 93253340 The ups and downs of EAE. DOCUMENT NUMBER:

TITLE:

Wistar Institute, Fhiladelphia, Pennsylvania. AUTHOR:

INTERNATIONAL REVIEWS OF IMMUNCLOGY, (1993) 9 (4) 277-85. CORPORATE SOURCE: SOURCE:

Journal code: 8712260. ISSN: 0883-0185.

Journal; Article; (JCURNAL ARTICLE) Switzerland PUB. COUNTRY: DOCUMENT TYPE:

General Review; (REVIEW)

(REVIEW, TUTORIAL)

English

LANGUAGE: Priority Journals FILE SEGMENT:

199306

Entered STN: 19930618 ENTRY MONTH: Last Updated on STN: 20000303 ENTRY DATE:

Experimental allergic encephalomyelitis (EAE) is considered the animal disease model for multiple sclerosis (MS) in humans. However, EAE is an acute disease whereas MS is a chronic disease. The on-off nature in both AB diseases of autoimmune reactivity suggests a regulatory response by the host, a response which can effect the autoreactive T cell by

or modulating-down. This review discusses various aspects of this regulation, seen after administration of autoantigen, of antibody modulating-up directed

at the T cell receptor (TcR), and of fragments of the TcR itself.